New York State Department of Environmental Conservation

Department of Environmental Remediation • 625 Broadway • Albany, New York 12233

Site Number 7-09-009

Gladding Cordage Site Quarterly Report and Annual Groundwater Monitoring Summary

Second Quarter 2009

New York State Department of Environmental Conservation Work Assignment D004443-5

Report Prepared By:

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1. Introduction

The New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment (# D004443-5) to Malcolm Pirnie, Inc. (Malcolm Pirnie) for Operation, Maintenance, and Monitoring at the Gladding Cordage Site in New York State (Site # 7-09-009). Malcolm Pirnie has prepared this Quarterly Report in accordance with the NYSDEC-approved Work Plan to summarize site activities.

2. Site Activities

2.1. SITE DESCRIPTION

The Gladding Cordage Site is located on Ridge Road, South Otselic, Chenango County, New York (Figure 2-1), along the western bank of the Otselic River.

2.2. OPERATION AND MAINTENANCE

On August 23, 2007, NYSDEC provided a training session to Malcolm Pirnie personnel on the operation and maintenance (O&M) of the groundwater treatment plant at the Gladding Cordage Site. Since then, Malcolm Pirnie has maintained operation of the groundwater treatment plant. This includes the operation, maintenance, and influent/effluent sampling in accordance with the NYSDEC O&M manual (Operation and Maintenance Manual, Volume I, Gladding Cordage Site, Site 7-09-009, TAMS Consultants, Inc., 1996) (O&M Manual).

2.2.1. Treatment System Operation

As shown on the O&M Check Lists and Daily Phone Logs (Appendix A), the Gladding Cordage groundwater treatment system operated without interruption during the second quarter, 2009.

The monthly flow rates and total flow volumes for the second quarter 2009 operating period are summarized in Table 2-1. As shown in Table 2-1, the groundwater treatment system pumping rates for RW-1 were approximately 31 GPM. The flow meter for RW-2 was removed for repairs in November 2007 and has not been replaced; no flow measurements are currently reported for this recovery well. The flow rate for RW-2 is estimated (24.9 GPM) based on previously reported values. Table 2-1 shows that approximately 8.2 million gallons of water were treated between April and June, 2009.

2.2.2. Treatment System Sampling

Influent and effluent groundwater samples were collected from the Gladding Cordage treatment system in accordance with the Work Plan and submitted to Chemtech Laboratories following chain-of-custody protocols for analysis of target compound list (TCL) volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260B. Analytical Reporting Forms are provided in Appendix B.

2.2.2.1. Influent Sample Results

Table 2-2 and Table 2-3 summarize the VOC influent and effluent sample results, respectfully. Figure 2-2 provides a summary of 1,1,1- trichloroethane (1,1,1-TCA) concentrations in samples from recovery wells RW-1 and RW-2 since September 2007. Table 2-2 and Figure 2-2 show that the second quarter 2009 concentrations of 1,1,1-TCA in the samples from recovery well RW-1 ranged from 56 micrograms per liter (ug/L) to 73 ug/L and ranged from 43 ug/L to 50 ug/L in the samples from RW-2. These results exceed the corresponding NYSDEC Class GA Standard of 5 ug/L; however, Figure 2-2 shows that the concentrations of 1,1,1-TCA in the samples from RW- 1 and RW-2 decreased during second quarter 2009 operating period. As shown in Table 2-2, the concentrations of 1,1-dichloroethane in the samples from RW-1 ranged from 2.4 ug/L to 2.8 ug/L and the concentrations of 1,1-dichloroethene ranged from 1.6 ug/L to 2.8 ug/L. These results are less than the applicable NYSDEC Class GA Standard of 5 ug/L for these compounds. 1,1-dichloroethane and 1,1-dichloroethene were not detected in the April samples from RW-2; however, the concentrations of these compounds in May 2009 were 1.1 ug/L and an estimated concentration (based on the "J" qualifier) of 0.73 ug/L, respectively. The June 2009 concentration of 1,1-dichloroethene and 1,1-dichloroethane were estimated at 0.94 ug/L and 0.87 ug/L, respectively. As indicated in Table 2-2, these results are less than the corresponding NYSDEC Class GA Standard of 5 ug/L.

2.2.2.2. Effluent Sample Results

Table 2-3 summarizes laboratory analytical data for effluent samples collected from the treatment system. A variable frequency drive (VFD) was installed on the blower motor on January 9. 2008. Following the installation of the VFD, effluent samples were collected at various blower motor frequencies (speeds) including 40 HZ, 50 HZ, and 60 HZ. The analyte 1,1,1-TCA was detected at 6 ug/l in the 40 HZ effluent sample but was not detected in the 50 HZ and 60 HZ samples. Following the completion of the January 9, 2008 sampling event the VFD was set to 50 HZ. Additional sampling was conducted in February 2008 to optimize the treatment system blower speed. Effluent samples were collected at 42 HZ, 44 HZ, and 46 HZ, respectively. No VOCs were detected in any of these effluent samples. Based on the results, the VFD setting was reduced to 42 HZ beginning in March 2008.

The April 2008 and June 2008 effluent samples contained 1,1,1-TCA at estimated (based on "J" qualifier) concentrations of 2.2ug/L and 1.9 ug/L, respectively, which is less than the corresponding NYSDEC Class GA Standard of 5 ug/L. In response to the detections, however, the blower frequency was increased from 42 HZ to 43 HZ in June 2008 and from 43HZ to 44HZ in July 2009, which is the current setting.

As shown in Table 2-3, the June 2009 effluent sample contained 1,1,1-TCA at a concentration of 2.1 ug/L. This result is less than the corresponding NYSDEC Class GA Standard of 5ug/L. No other VOCs were detected in any of the second quarter 2009 effluent samples from the treatment system.

Based on influent sample concentrations and total flow volumes from the Gladding Cordage treatment system, approximately 4.1 pounds of VOCs were removed by the treatment system during the second quarter 2009 operating period.

2.2.3 General Operation and Maintenance

Malcolm Pirnie conducted a survey on June 11, 2009 to establish the top of casing elevations for groundwater monitoring wells TW-1, TW-2S, TW-2I, TW-2D, TW-9I, TW-9D, and TW-10D. The elevations were measured using an automatic level and will be used to provide additional information on groundwater elevations across the site.

The flush-mount protective casing for TW-15 was replaced on June 25, 2009 by Aztech Technologies because the well could not be properly secured.

On June 25, 2009, the South Otselic Town Supervisor requested that the stick-up protective well casings for groundwater monitoring wells located within the Town Park (TW-6S, TW-6I, TW-6D, and TW-10D) be retrofitted with flush-mount protective casings to reduce the Town's liability for tripping hazards. Malcolm Pirnie contacted NYSDEC and received approval to retrofit the wells. The repairs will be performed during the third quarter 2009.

No additional repairs were performed at the Gladding Cordage site during the second quarter 2009 operational period.

2.3. GROUNDWATER MONITORING PROGRAM

The NYSDEC-approved Work Plan stated that groundwater samples would be collected using low-flow sampling techniques and analyzed for VOCs and metals (Figure 2-3 shows the location of the groundwater monitoring wells). However, NYSDEC later requested to have groundwater collected using passive diffusion bags (PDBs). On July 24, 2007, NYSDEC and Malcolm Pirnie conducted a conference call regarding groundwater sampling protocols and analysis for the site. Since metals data analysis is not possible from PDB samples, NYSDEC authorized groundwater samples to be analyzed for VOCs only.

Passive diffusion bags were placed in groundwater monitoring wells on June 11, 2009 in accordance with the Generally Acceptable Procedures (GAP) for PDB Samplers provided in Appendix C. Samples were collected from the PDBs on June 25, 2009 to provide information on groundwater quality and to monitor contaminant migration in the groundwater at the site.

2.3.1. Well Inspection

Existing on-site groundwater monitoring wells were evaluated for integrity and suitability for groundwater monitoring and water levels. The condition of each well

was recorded on a well inspection form, provided in Appendix D. As shown on the well inspection forms, and as discussed in Section 2.2.3, groundwater monitoring well TW-15 could not be properly secured and was repaired. The integrity of the remaining wells is generally acceptable and no additional repair or maintenance is required at this time.

2.3.2. Water Level Survey

Prior to collecting samples, water levels were measured to the nearest hundredth of a foot and recorded on a groundwater level data form (Appendix E). Table 2-4 summarizes the groundwater levels and elevations from the site. As shown in Table 2-4, groundwater elevations in groundwater monitoring wells screened in the shallow groundwater monitoring zone ranged from 1202.87-feet above mean sea level (amsl) to 1205.12-feet amsl; groundwater elevations in monitoring wells screened in the intermediate groundwater monitoring zone ranged from 1202.50-feet amsl to 1203.76-feet amsl; and groundwater elevations in monitoring wells screened in the deep groundwater monitoring zone ranged from 1202.06-feet amsl to 1203.65-feet amsl.

As shown in the groundwater elevation data presented in Table 2-4, groundwater elevations in monitoring well cluster TW-3was higher in the deep monitoring zone than the shallow monitoring zone (indicating an upward hydraulic gradient), while monitoring well clusters TW-5, TW-6, TW-7, and TW-9 have higher groundwater elevations in the shallow monitoring zones (indicating a downward hydraulic gradient). The groundwater elevations in monitoring well clusters TW- 2 and TW-14 converged at the intermediate zone, indicating a downward hydraulic gradient between the shallow to intermediate zone and an upward hydraulic gradient between the intermediate to deep zone. The difference in the hydraulic gradient at these groundwater monitoring locations is likely due to the proximity of the well clusters to the Otselic River.

Shallow, intermediate, and deep potentiometric surfaces map are provided on Figure 2-4, Figure 2-5, and Figure 2-6, respectfully. As shown on Figure 2-4, the direction of groundwater flow in the shallow groundwater monitoring zone is generally south toward groundwater recovery wells RW-1 and RW-2. Figures 2-5 and 2-6 show that groundwater flow in the intermediate and deep groundwater monitoring zones is generally southwest, toward the confluence of Ashbell Brook and the Otselic River.

2.3.3. Groundwater Sampling

Groundwater samples are generally collected from 19 groundwater monitoring wells in accordance with the Work Plan. However, in consultation with NYSDEC, groundwater samples were collected from all of the 26 groundwater monitoring wells during the 2009 groundwater monitoring event to provide additional information on the horizontal and vertical distribution of VOCs across the site. Groundwater samples were collected from the monitoring well network using PDBs as requested

by NYSDEC and in accordance with the procedure presented in Appendix C. Groundwater monitoring wells sampled during the monitoring event are listed below:

- TW-1
- TW-2S
- TW-2I
- TW-2D
- TW-3S
- TW-3I
- TW-3D
- TW-4I
- TW-5S
- TW-5I
- TW-5D
- TW-6S
- TW-6I
- TW-6D
- TW-7S
- TW-7I
- TW-7D
- TW-9I
- TW-9D
- TW-10D
- TW-12I
- TW-12D
- TW-14S
- TW-14I
- TW-14D
- TW-15

Groundwater samples collected during the groundwater monitoring program were sent to Chemtech Laboratories by chain-of-custody procedures and analyzed for TCL VOCs by USEPA Method 8260B. Analytical data packages are provided in Appendix B.

2.4. Groundwater Sampling Results

Groundwater sampling results from the second quarter 2009 sampling event are summarized in Table 2-5. Acetone was reported in all of the groundwater samples collected during the second quarter 2009 groundwater sampling event. With the exception of two samples collected in 2008 that contained estimated (based on "J" qualifier) concentrations of acetone, this compound has not been detected in any other groundwater sample collected from the site as of 2007. Therefore, the acetone detections in the samples from the 2009 sampling event are expected to be the result of laboratory contamination.

2.4.1. Shallow Groundwater Monitoring Zone

As shown in Table 2-5, VOCs were detected at concentrations greater than the corresponding NYSDEC Class GA Standards in two of the seven groundwater samples collected from the shallow groundwater monitoring network. Table 2-5 shows that the concentrations of 1,1,1-TCA in the sample from TW-5S increased slightly from 11 ug/L in 2008 to 13 ug/L in 2009; while the sample from TW-7S decreased from 18 ug/L in 2008 to 7.8 ug/L in 2009. In 2008 the concentrations of 111-TCA (68 ug/L) and 1,1-dichloroethane (5.8 ug/L) in the sample from TW-14S were greater than the respective NYSDEC Class GA Standard of 5 ug/L. 1,1,1-TCA was not detected in the second quarter 2009 sample from this well. Although 1,1-

dichloroethate was detected in the 2009 sample from TW-14S (1.2 ug/L), the result was less than the corresponding NYSDEC Class GA Standard of 5 ug/L. VOCs were not detected in any other samples collected from the shallow monitoring network at concentrations greater than the applicable NYSDEC Class GA Standards.

One sample was submitted as a laboratory quality assurance/quality control (QA/QC) check. A Sample designated as TW-11 was collected from monitoring well TW-6S. As shown in Table 2-5, the sample results correlate well.

2.4.2. Intermediate Groundwater Monitoring Zone

Table 2-5 shows that the concentrations of 1,1,1-TCA in samples collected from intermediate groundwater monitoring wells TW-5I (90 ug/L), TW-9I (5.5 ug/L), TW-14I (83 ug/L), and TW-15(95 ug/L) were greater than the applicable NYSDEC Class GA Standard of 5 ug/L. As shown in Table 2-5, the concentrations of 1,1,1-TCA in the samples from TW-5I and TW-15 increased compared to the previous two (2007 and 2008) sampling events; while the 1,1,1-TCA concentration in the sample from TW-14I initially increased between 2007 (39 ug/L) and 2008 (95 ug/L) then decreased in 2009 to 83 ug/L. In addition, the concentrations of 1,1,1-TCA in the samples collected from TW-3I, TW-4I, TW-5I, TW-6I, and TW-8I decreased from 6.7 ug/L, 1.1 ug/L, 3.5 ug/L, 1.3 ug/L, and 1.5 ug/L, respectively in 2008 to below the laboratory reporting limit (i.e. not detected) in the 2009 samples collected from these wells. Table 2-5 shows that the concentrations of benzene in the sample from TW-5I decreased from 6.2ug/L in 2007 to 3.5 ug/L in 2008. As shown in Table 2-5, benzene was not detected in the 2009 sample from TW-5I. No other VOCs were detected in samples from intermediate groundwater monitoring wells at concentrations greater than the applicable NYSDEC Class GA Standards.

2.4.3. Deep Groundwater Monitoring Zone

As shown in Table 2-5, the concentrations of 1,1,1-TCA exceeded the corresponding NYSDEC Class GA Standard of 5 ug/L in the samples from deep groundwater monitoring wells TW-5D (32 ug/L), TW-7D (9.1 ug/L), and TW-9D (5.5 ug/L). Table 2-5 shows that the concentration of 1,1,1-TCA in the sample from TW-14D decreased from 42 ug/L in the sample from 2007 to 18 ug/L in 2008. As shown in Table 2-5, 1,1,1 TCA was not detected in 2009 samples from TW-14D. No other VOCs were detected at concentrations greater than the applicable NYSDEC Class GA Standard in samples from the deep monitoring network.

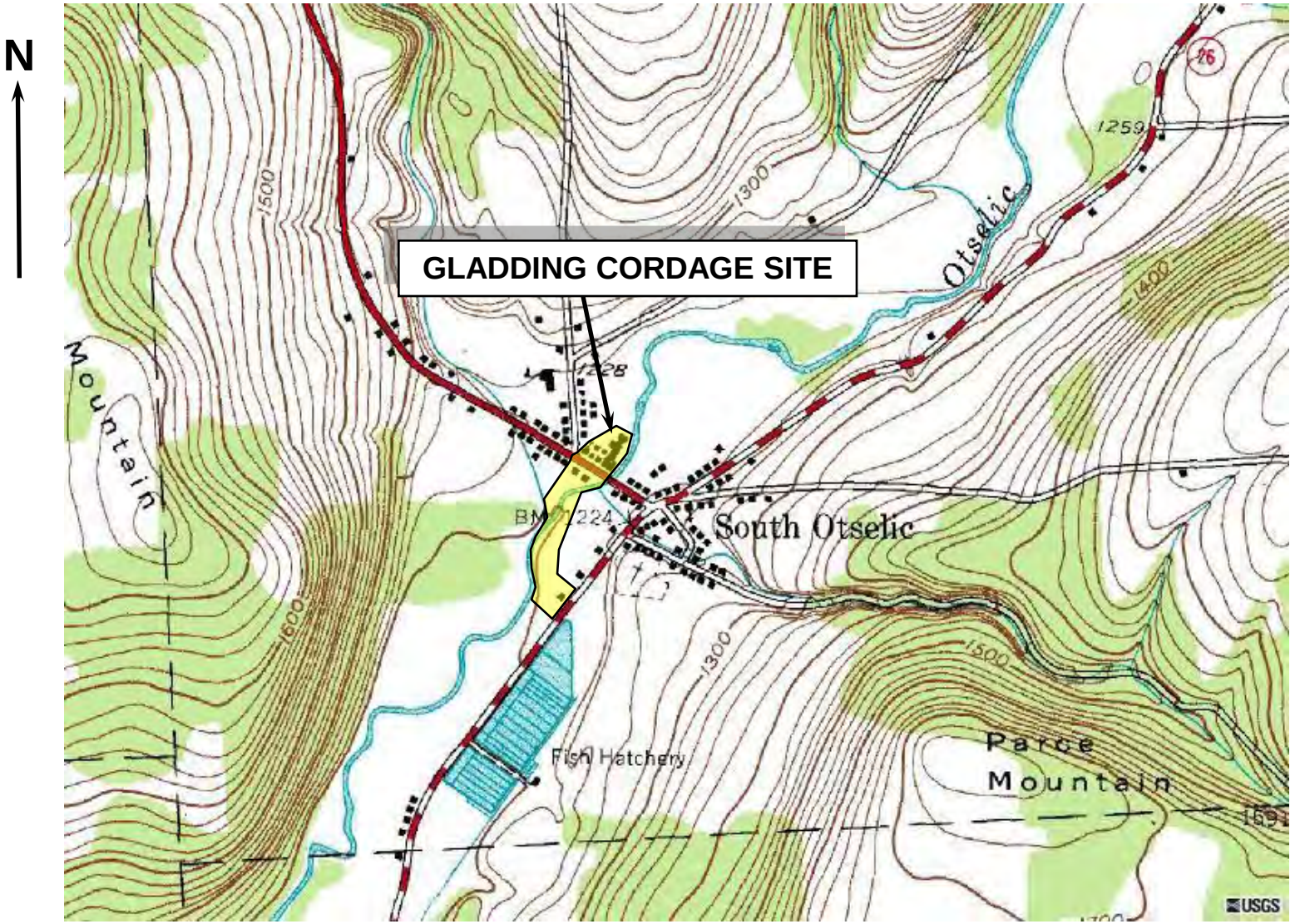
3. Summary

The Gladding Cordage groundwater treatment system operated continuously during the second quarter, 2009. The average total flow rate through the treatment system during this period was approximately 56 GPM. Total flow through the treatment system during the second quarter operational period was approximately 8.2 million gallons. 1,1,1-TCA was detected in the June 2009 effluent sample from the treatment system but at a concentration less than the applicable NYSDEC Class GA Standard. Based on monthly influent and effluent sampling, the treatment system successfully removes VOCs from groundwater extracted from the capture zone at the current VFD setting of 44HZ. The VFD setting will continue to be evaluated based on system monitoring results. Approximately 4.1 pounds of VOCs were removed by the treatment system during the second quarter, 2009.

A limited vertical survey was completed at the site to obtain the elevation for several groundwater monitoring wells. The surface casing for groundwater monitoring well TW-15 could not be properly secured so a new protective casing was installed. The conditions of the remaining wells evaluated during the groundwater monitoring event were acceptable. Evaluations of groundwater flow indicate that the direction of groundwater flow in the shallow groundwater monitoring zone is generally toward the south; groundwater flow in the intermediate and deep groundwater monitoring zones is generally toward the southwest.

Groundwater samples were collected from all of the groundwater monitoring wells at the Gladding Cordage site in 2009. Acetone was reported in all of the groundwater samples collected in 2009, but is considered to be a laboratory contaminant. The concentrations of VOCs in samples collected from the shallow, intermediate, and deep groundwater monitoring zones generally decreased compared to results from the 2008 monitoring event. Groundwater samples collected from two shallow, four intermediate, and three deep groundwater monitoring wells contained concentrations of VOCs greater than the applicable NYSDEC Class GA Standard. The sample from intermediate groundwater monitoring well TW-14I contained the maximum concentration of total VOCs (100.2 ug/L, excluding acetone).

In general, groundwater samples collected from monitoring wells in the immediate vicinity of groundwater recovery wells RW-1 and RW-2 contained the greatest concentrations of VOCs. No VOCs were detected in the sample collected from the intermediate or deep groundwater monitoring wells (TW-12I and TW-12D) located adjacent to the South Otselic NYSDEC Fish Hatchery.



SCALE IN FEET

0 500 1000 2000

SOURCE: U.S.G.S 7.5 MIN. SOUTH OTSELIC QUAD, 1988

MALCOLM PIRNIE

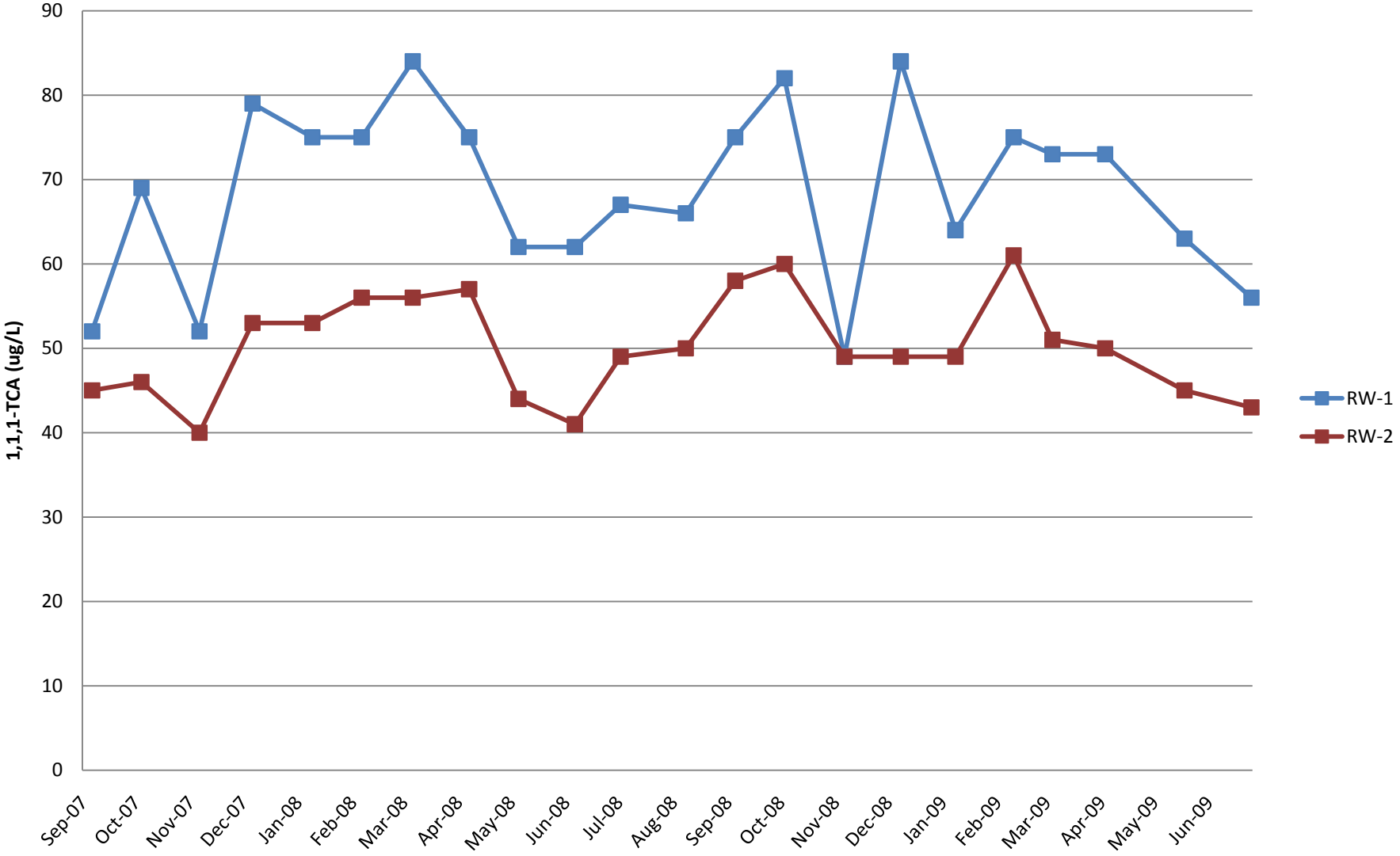
NYSDEC STANDBY CONTRACT NO. D004443-5
GLADDING CORDAGE – SITE NUMBER 7-09-009
SOUTH OTSELIC, NEW YORK

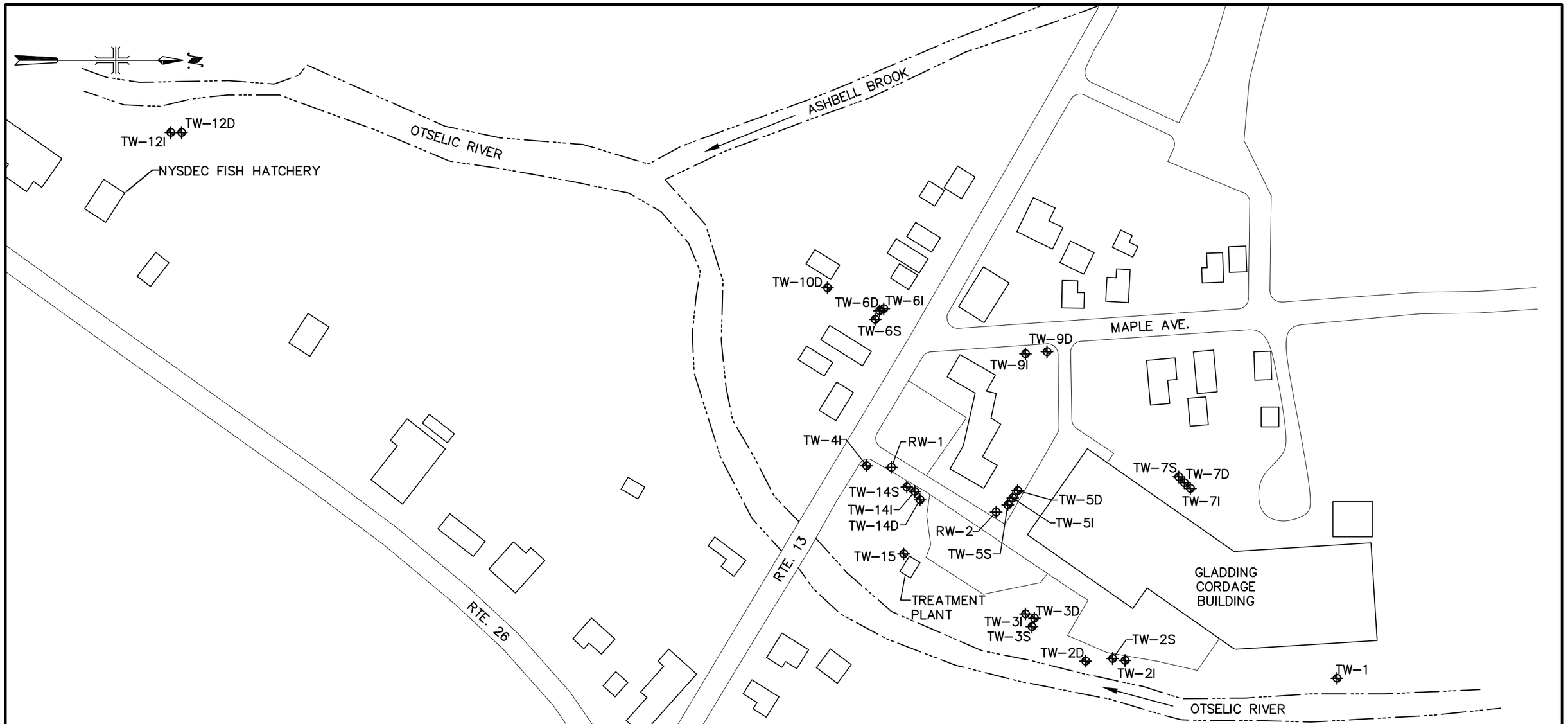
GLADDING CORDAGE SITE LOCATION

FIGURE 2-1

F:\PROJECT\026365\FILE\REPORTS\Figure 2-1.ppt

Figure 2-2
Treatment System Influent Sample Concentrations (1,1,1-TCA)
Gladding Cordage Site
NYSDEC Site Number 7-09-009





LEGEND:

- TW-1 — APPROXIMATE MONITORING WELL LOCATION
- RW-X — APPROXIMATE RECOVERY WELL LOCATION
- ROADWAY/DRIVEWAY
- BUILDING
- EDGE OF RIVER

75 0 75 150

SCALE: 1" = 150'

MALCOLM PIRNIE

NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009

GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

MONITORING WELL LOCATION MAP

SCALE: 1" = 150'

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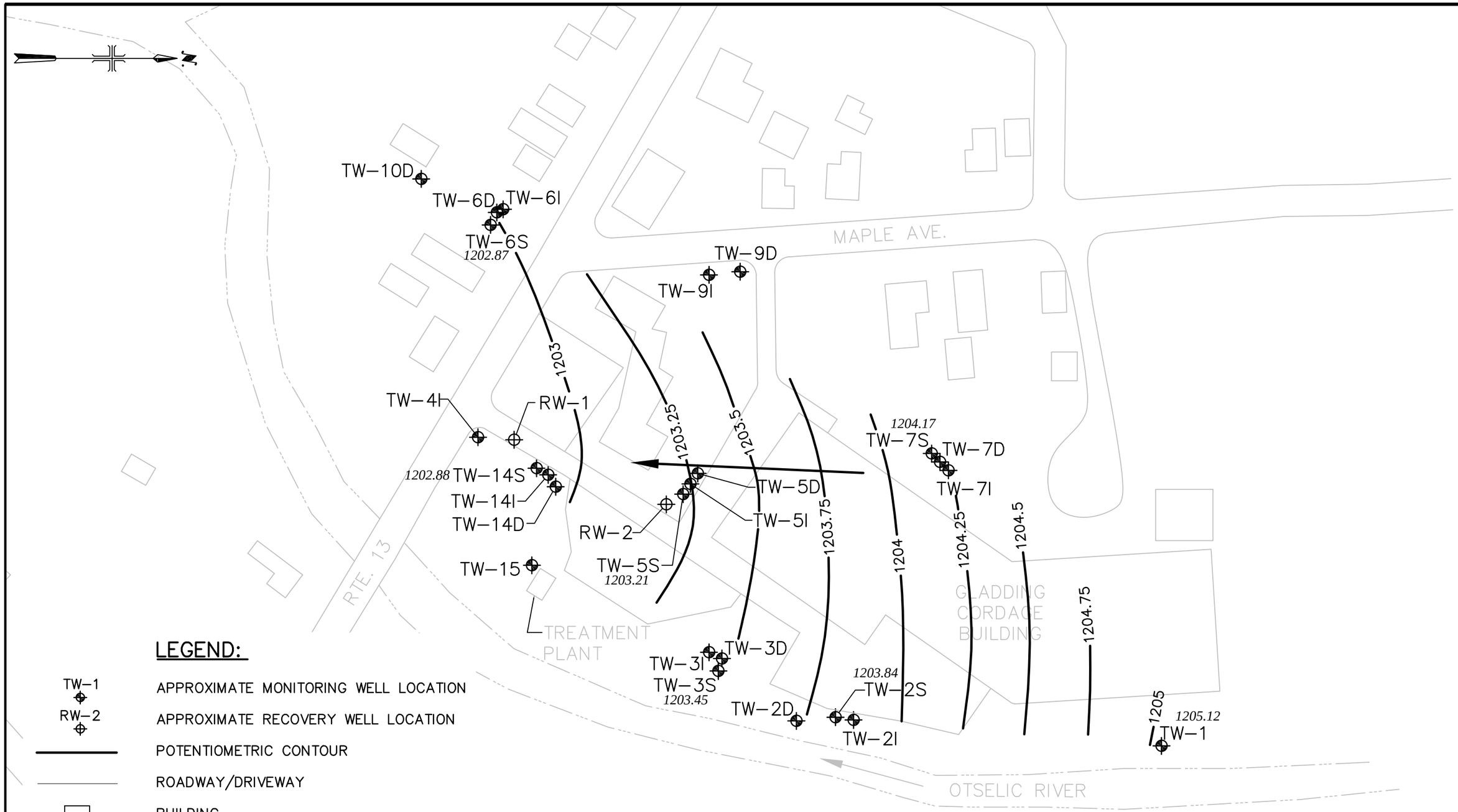
FIGURE 2-3



MALCOLM PIRNIE

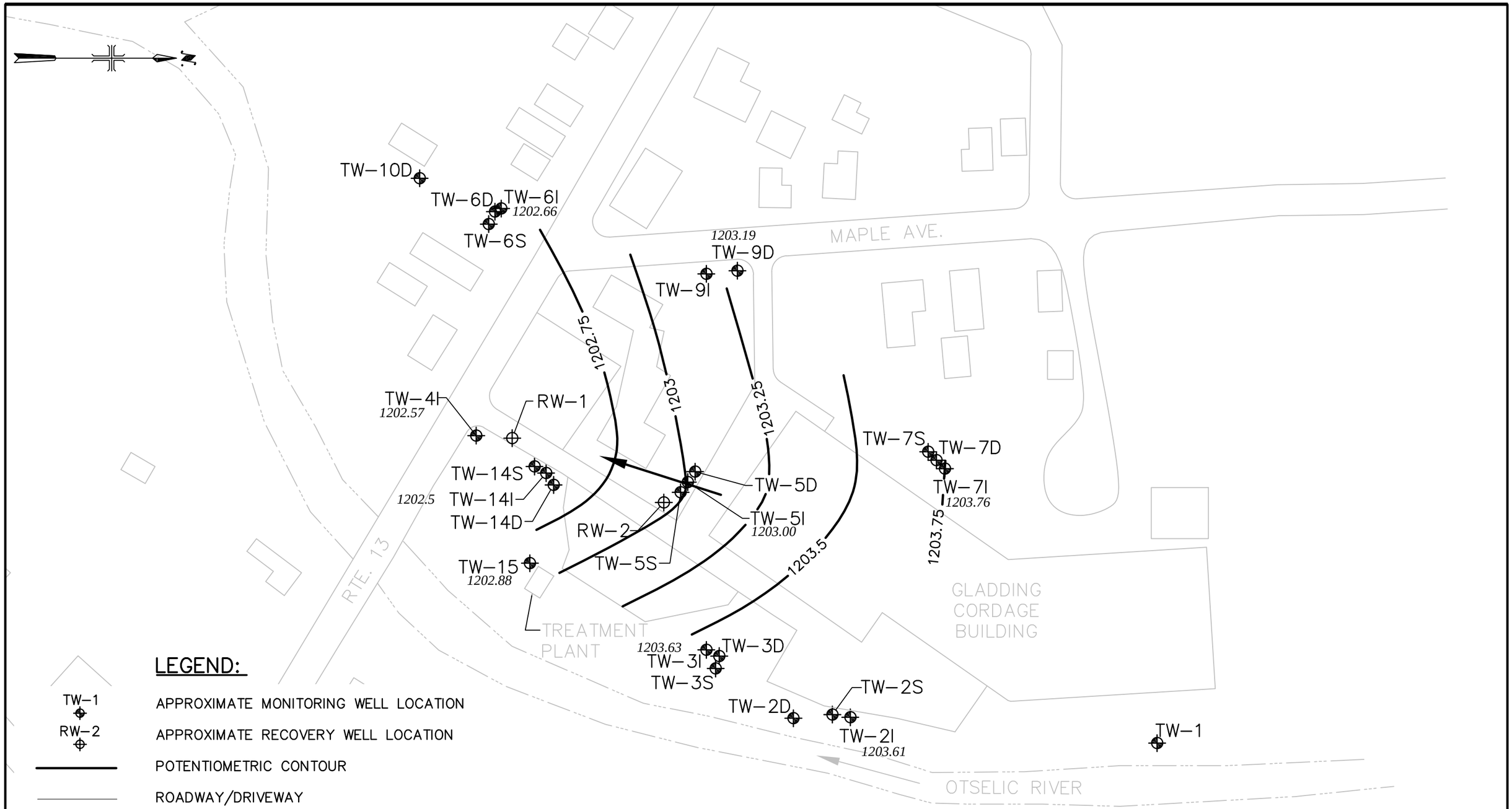
NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

SHALLOW POTENTIOMETRIC SURFACE MAP (6/11/2009)

SCALE: 1" = 100'

MALCOLM PIRNIE, INC.

FIGURE 2-4



LEGEND:

- TW-1 — APPROXIMATE MONITORING WELL LOCATION
- RW-2 — APPROXIMATE RECOVERY WELL LOCATION
- POTENTIOMETRIC CONTOUR
- ROADWAY/DRIVEWAY
- BUILDING
- EDGE OF RIVER
- GROUNDWATER FLOW DIRECTION

50 0 50 100

SCALE: 1" = 100'

MALCOLM PIRNIE

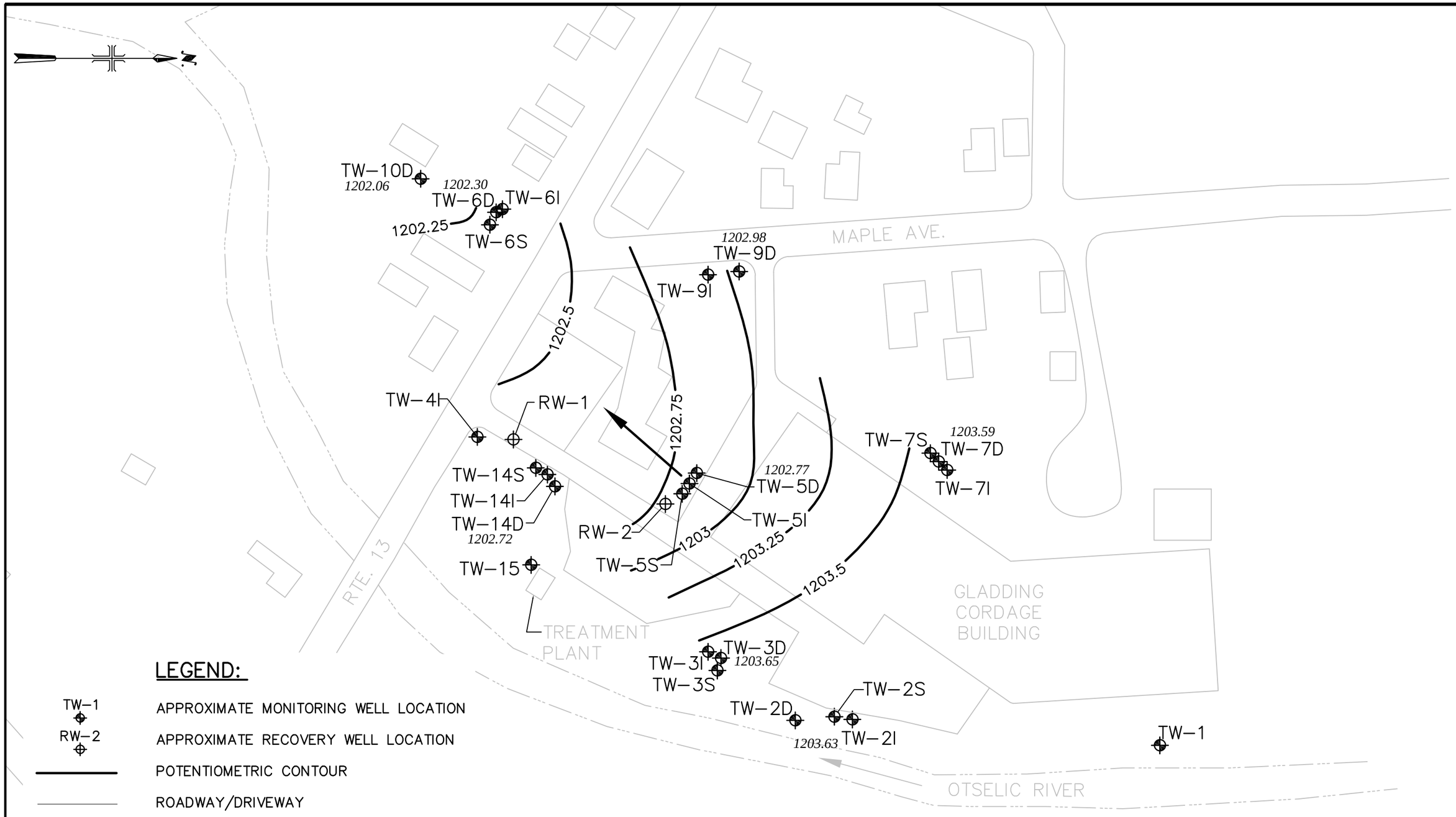
NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

INTERMEDIATE POTENTIOMETRIC SURFACE MAP (6/11/2009)

SCALE: 1" = 100'

MALCOLM PIRNIE, INC.

FIGURE 2-5



LEGEND:

TW-1	APPROXIMATE MONITORING WELL LOCATION
RW-2	APPROXIMATE RECOVERY WELL LOCATION
	POTENTIOMETRIC CONTOUR
	ROADWAY/DRIVEWAY
	BUILDING
	EDGE OF RIVER
	GROUNDWATER FLOW DIRECTION

50 0 50 100

SCALE: 1" = 100'

MALCOLM PIRNIE

NYSDEC STANDBY CONTRACT NO. D004443-5
NYSDEC SITE NO. 7-09-009
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK

DEEP POTENTIOMETRIC SURFACE MAP (6/11/2009)

SCALE: 1" = 100'

MALCOLM PIRNIE, INC.

FIGURE 2-6

TABLE 2-1
TREATMENT SYSTEM STATUS AND FLOW SUMMARY
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

Month	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2 (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2 (gpm)	Totalizer RW-1 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
August-07	8 (1)	100%	100%	100%	38	24	-	437760 (3)	276480 (3)	714,240	
September-07	30	100%	100%	100%	38	25	-	1641600 (3)	1080000 (3)	2,721,600	3,435,840
October-07	20	65%	100%	100%	38.2	25.7	2276270	1100160 (3)	740160 (3)	1,840,320	
November-07	30	100%	67%	100%	39.9	24.9 (2)	3235110	958840 (4)	1075680 (3)	2,034,520	6,172,646
December-07	31	100%	39%	100%	31.8	24.9 (2)	4421380	1186270 (4)	1111536 (3)	2,297,806	
January-08	31	100%	100%	100%	31.8	24.9 (2)	5278000	856620 (4)	1111536 (3)	1,968,156	
February-08	26	90%	69%	88%	32	24.9 (2)	6457610	1179610 (4)	820385 (3)	1,999,995	5,503,499
March-08	23	74%	100%	100%	32.9	24.9 (2)	7168270	710660 (4)	824688 (3)	1,535,348	
April-08	30	100%	100%	100%	30.8	24.9 (2)	8219790	1051520 (4)	1075680 (3)	2,127,200	
May-08	31	100%	100%	100%	31.3	24.9 (2)	9458370	1238580 (4)	1111536 (3)	2,350,116	6,846,908
June-08	27	90%	100%	100%	30.5	24.9 (2)	10859850	1401480 (4)	968112 (3)	2,369,592	
July-08	28	90%	68%	100%	30.1	24.9 (2)	11889440	1029590 (4)	1003968 (3)	2,033,558	
August-08	28	90%	100%	100%	30	24.9 (2)	12832500	943060 (4)	1003968 (3)	1,947,028	6,201,456
September-08	30	100%	100%	100%	29.8	24.9 (2)	13977690	1145190 (4)	1075680 (3)	2,220,870	
October-08	31	100%	100%	100%	30	24.9 (2)	15190100	1212410 (4)	1111536 (3)	2,323,946	
November-08	30	100%	100%	100%	31.7	24.9 (2)	16722470	1532370 (4)	1075680 (3)	2,608,050	7,494,552
December-08	31	100%	100%	100%	31.3	24.9 (2)	18173490	1451020 (4)	1111536 (3)	2,562,556	
Total Flow 2007								**5,324,630**	**4,283,856**	**9,608,486**	
Total Flow 2008								**13,752,110**	**12,294,305**	**26,046,415**	

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on average flow from August, September, and October 2008.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
gpm - Gallons per minute

TABLE 2-1
TREATMENT SYSTEM STATUS AND FLOW SUMMARY
GLADDING CORDAGE SITE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE NO. 7-04-009A

Month	System Operation (days)	System On-time (% of possible days)	Well On-time RW-1 (% possible)	Well On-time RW-2 (% possible)	Flow Rates RW-1 (gpm)	Flow Rates RW-2 (gpm)	Totalizer RW-1 (gallons)	Recovery Well Total Flows RW-1 (gallons)	Recovery Well Total Flows RW-2 (gallons)	Total System Flow (gallons)	Quarterly Totals (gallons)
January-09	31	100%	100%	100%	31.3	24.9 (2)	19566200	1392710 (4)	1111536 (3)	2,504,246	
February-09	28	100%	100%	100%	30.8	24.9 (2)	20929320	1363120 (4)	1003968 (3)	2,367,088	6,931,910
March-09	31	100%	100%	100%	30.8	24.9 (2)	21878360	949040 (4)	1111536 (3)	2,060,576	
April-09	30	100%	100%	100%	31.2	24.9 (2)	23159480	1281120 (4)	1075680 (3)	2,356,800	
May-09	31	100%	100%	100%	31.5	24.9 (2)	25128390	1968910 (4)	1111536 (3)	3,080,446	8,217,156
June-09	30	100%	100%	100%	31.1	24.9 (2)	26832620	1704230 (4)	1075680 (3)	2,779,910	
Total Flow 2009								**8,659,130**	**6,489,936**	**15,149,066**	

Notes:
1 - System started on 8/23/07.
2 - Flow meter inoperative. Flow based on average flow from August, September, and October 2008.
3 - Calculated based on percentage of system on-time, flow rate, and percentage of recovery well on-time.
4 - Calculated from totalizer values.
gpm - Gallons per minute

TABLE 2-2
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	RW-1 9/6/2007 WATER ug/L	RW-2 9/6/2007 WATER ug/L	RW-1 10/4/2007 WATER ug/L	RW-2 10/4/2007 WATER ug/L	RW-1 11/6/2007 WATER ug/L	RW-2 11/6/2007 WATER ug/L	RW-1 12/6/2007 WATER ug/L	RW-2 12/6/2007 WATER ug/L	RW-1 1/9/2008 WATER ug/L	RW-2 1/9/2008 WATER ug/L	RW-1 2/6/2008 WATER ug/L	RW-2 2/6/2008 WATER ug/L	RW-1 3/6/2008 WATER ug/L	RW-2 3/6/2008 WATER ug/L	RW-1 4/7/2008 WATER ug/L	RW-2 4/7/2008 WATER ug/L
VOCs																	
1,1,1-Trichloroethane	5	**52**	**45**	**69**	**46**	**52**	**40**	**79**	**53**	**75**	**53**	**75**	**56**	**84**	**56**	**75**	**57**
1,1,2,2-Tetrachloroethane	5	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.49 U	0.49 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.52 U	0.52 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	0.35 U	0.35 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethane	5	0.38 U	0.38 U	0.38 U	0.38 U	2.4 J	0.38 U	3.4	1.2	2.6	0.98 J	3.4 J	1.2 J	3.8 J	1.3 J	3.2 J	0.67 U
1,1-Dichloroethene	5	**12**	**7.9**	4.0 J	**5.4**	1.3 J	1.1 J	**6.0**	4.1	1.6	1.0	2.6 J	1.7 J	**6.9**	3.8 J	2.2 J	2.1 J
1,2,4-Trichlorobenzene		0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.41 U	0.41 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.45 U	0.45 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.56 U	0.56 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.48 U	0.48 U	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-Dichloroethane	0.6	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.38 U	0.38 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.56 U	0.56 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.45 U	0.45 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.43 U	0.43 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-Butanone	50	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	4.6 U	4.6 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	1.7 U	2.9 U	2.9 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	2.7 U	2.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Acetone	50	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.7	2.7 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Benzene	1	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.52 U	0.52 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Bromodichloromethane	50	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.59 U	0.59 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Bromoform	50	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.42 U	0.42 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Bromomethane	5	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.63 U	0.63 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Carbon Disulfide		0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.51 U	0.51 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.49 U	0.49 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Chlorobenzene	5	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.50 U	0.50 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chloroethane	5	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.49 U	0.49 U	0.80 U	0.80 U	0.80 U	0.80 U	0.8 U	0.8 U	0.8 U	0.8 U
Chloroform	7	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.46 U	0.46 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Chloromethane		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.38 U	0.38 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.53 U	0.53 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.54 U	0.54 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Cyclohexane		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.37 U	0.37 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Dibromochloromethane	50	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.45 U	0.45 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U	0.43 U	0.43 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Ethyl Benzene	5	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.50 U	0.50 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Isopropylbenzene	5	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
m/p-Xylenes	5	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	0.97 U	0.97 U	0.47 U	0.47 U	0.47 U	0.47 U	1.4 J	1.2 J	0.47 U	0.47 U
Methyl Acetate		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.92 U	0.92 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.50 U	0.50 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Methylcyclohexane		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.43 U	0.43 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Methylene Chloride	5	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.52 U	0.52 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
o-Xylene		0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.51 U	0.51 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Styrene	5	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.48 U	0.48 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.44 U	0.44 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Tetrachloroethene	5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.68 U	0.68 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U
Toluene	5	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.51 U	0.51 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.57 U	0.57 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Trichloroethene	5	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.56 U	0.56 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.40 U	0.40 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl Chloride	2	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.46 U	0.46 U	0.30 U	0.30 U	0.30 U	0.30 U	0.3 U	0.3 U	0.3 U	0.3 U
Total VOCs		64	53	73	51	55.7	41	88.4	58	79.2	55.0	81	58.9	96.1	62.3	80.4	59.1

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 2-2
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID	NYSDEC	RW-1	RW-2	RW-1	RW-2	RW-1	RW-2	RW-1	RW-2	RW-1	RW-2	RW-1	RW-2	RW-1	RW-2	RW-1	RW-2
Sampling Date	GA	5/5/2008	5/5/2008	6/6/2008	6/6/2008	7/2/2008	7/2/2008	8/8/2008	8/8/2008	9/5/2008	9/5/2008	10/3/2008	10/3/2008	11/6/2008	11/6/2008	12/8/2008	12/8/2008
Matrix	Standard	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOCs																	
1,1,1-Trichloroethane	5	**62**	**44**	**62**	**41**	**67**	**49**	**66**	**50**	**75**	**58**	**82**	**60**	**49**	**49**	**84**	**49**
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	0.67 U	0.67 U	2 J	0.92 J	2.8 J	1 J	2.6 J	0.67 U	0.67 U	0.67 U	3.1 J	0.67 U	2	1 U	**6.4**	4.3
1,1-Dichloroethene	5	**5.5**	4.2 J	4.8 J	3 J	**5.5**	4.6 J	3.3 J	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	3.2	1 U	**7.8**	**5.2**
1,2,4-Trichlorobenzene		0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	5	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	1 U	1 U	1 U	1 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	5 U	5 U	5 U	5 U
2-Hexanone	50	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone		1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	5 U	5 U	5 U	5 U
Acetone	50	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	5 U	5 U	5 U	5 U
Benzene	1	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	1 U	1 U	1 U	1 U
Bromoform	50	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U
Bromomethane	5	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1 U	1 U	1 U	1 U
Carbon Disulfide		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	1 U	1 U	1 U	1 U
Chloroethane	5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	1 U	1 U	1 U	1 U
Chloroform	7	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	1 U	1 U	1 U	1 U
Chloromethane		0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	1 U	0.82 J	1 U	1 U
cis-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	1 U	1 U	1 U	1 U
Cyclohexane		0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	1 U	2.8	1 U	1 U
Dibromochloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	1 U	1 U	1 U	1 U
Ethyl Benzene	5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	1 U	1 U	1 U	1 U
Isopropylbenzene	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	1 U	1 U	1 U	1 U
m/p-Xylenes	5	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	2 U	2 U	2 U	2 U
Methyl Acetate		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	1 U	1 U	1 U	1 U
Methyl tert-butyl Ether		0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	1 U	1 U	1 U	1 U
Methylcyclohexane		0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	1 U	1 U	1 U	1 U
o-Xylene		0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	1 U	1 U	1 U	1 U
Styrene	5	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1 U	1 U	1 U	1 U
t-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	1 U	1 U	1 U	1 U
Toluene	5	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	1 U	1 U	1 U	1 U
Trichloroethene	5	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	1 U	1 U	1 U	1 U
Total VOCs		67.5	48.2	66.8	44.0	75.3	54.6	71.9	50.0	75	58.0	85.1	60.0	54.2	52.6	98.2	58.5

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 2-2
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (INFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	RW-1 1/8/2009 WATER ug/L	RW-2 1/8/2009 WATER ug/L	RW-1 2/10/2009 WATER ug/L	RW-2 2/10/2009 WATER ug/L	RW-1 3/4/2009 WATER ug/L	RW-2 3/4/2009 WATER ug/L	RW-1 4/3/2009 WATER ug/L	RW-2 4/3/2009 WATER ug/L	RW-1 5/18/2009 WATER ug/L	RW-2 5/18/2009 WATER ug/L	RW-1 6/25/2009 WATER ug/L	RW-2 6/25/2009 WATER ug/L
VOCs													
1,1,1-Trichloroethane	5	**64**	**49**	**75**	**61**	**73**	**51**	**73**	**50**	**63**	**45**	**56**	**43**
1,1,2,2-Tetrachloroethane	5	1 U	1 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	1	1 U	1 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
1,1,2-Trichlorotrifluoroethane	5	1 U	1 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
1,1-Dichloroethane	5	2	1 U	3.2	1.2	3	1.2	2.6	0.36 U	2.8	1.1	2.4	0.94 J
1,1-Dichloroethene	5	2.1	1 U	2.4	1.8	0.47 U	0.47 U	2.8	0.47 U	1.3	0.73 J	1.6	0.87 J
1,2,4-Trichlorobenzene		1 U	1 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,2-Dibromoethane	5	1 U	1 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dichlorobenzene	3	1 U	1 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
1,2-Dichloroethane	0.6	1 U	1 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichloropropane	1	1 U	1 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	1 U	1 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
1,4-Dichlorobenzene	3	1 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
2-Butanone	50	5 U	5 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
2-Hexanone	50	5 U	5 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
4-Methyl-2-Pentanone		5 U	5 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
Acetone	50	5 U	5 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U
Benzene	1	1 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Bromodichloromethane	50	1 U	1 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Bromoform	50	1 U	1 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Bromomethane	5	1 U	1 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
Carbon Disulfide		1 U	1 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Carbon Tetrachloride	5	**7.8**	**5.9**	**8**	**6.4**	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
Chlorobenzene	5	1 U	1 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
Chloroethane	5	1 U	1 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U	0.66 U
Chloroform	7	1 U	1 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Chloromethane		1 U	1 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
cis-1,2-Dichloroethene	5	1 U	1 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
cis-1,3-Dichloropropene	0.4	1 U	1 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Cyclohexane		1 U	1 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Dibromochloromethane	50	1 U	1 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
Dichlorodifluoromethane	5	1 U	1 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Ethyl Benzene	5	1 U	1 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Isopropylbenzene	5	1 U	1 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
m/p-Xylenes	5	2 U	2 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U
Methyl Acetate		1 U	1 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
Methyl tert-butyl Ether		1 U	1 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Methylcyclohexane		1 U	1 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
Methylene Chloride	5	1 U	1 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
o-Xylene		1 U	1 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
Styrene	5	1 U	1 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
t-1,3-Dichloropropene	0.4	1 U	1 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Tetrachloroethene	5	1 U	1 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Toluene	5	1 U	1 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
trans-1,2-Dichloroethene	5	1 U	1 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Trichloroethene	5	1 U	1 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Trichlorofluoromethane	5	1 U	1 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Vinyl Chloride	2	1 U	1 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Total VOCs		75.9	54.9	88.6	70.4	76.0	52.2	78.4	50.0	67.1	46.8	60.0	44.8

- Concentration exceeds corresponding NYSDEC Class GA Standard.

U - Not detected at the indicated concentration

J - Estimated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF 9/6/2007 WATER ug/L	EFF 10/4/2007 WATER ug/L	EFF 11/6/2007 WATER ug/L	EFF 12/6/2007 WATER ug/L	EFF(40HZ) 1/9/2008 WATER ug/L	EFF(50HZ) 1/9/2008 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	0.32 U	0.32 U	0.32 U	0.46 U	**6.0**	0.39 U
1,1,2,2-Tetrachloroethane	5	0.30 U	0.30 U	0.30 U	0.49 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.41 U	0.41 U	0.41 U	0.52 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	1.3 U	1.3 U	1.3 U	0.35 U	0.61 U	0.61 U
1,1-Dichloroethane	5	0.38 U	0.38 U	0.38 U	0.55 U	0.67 U	0.67 U
1,1-Dichloroethene	5	0.42 U	0.42 U	0.42 U	0.55 U	0.67 U	0.67 U
1,2,4-Trichlorobenzene		0.46 U	0.46 U	0.46 U	0.41 U	0.39 U	0.39 U
1,2-Dibromo-3-Chloropropane	0.04	0.38 U	0.38 U	0.38 U	0.45 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.32 U	0.32 U	0.32 U	0.56 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.44 U	0.44 U	0.44 U	0.48 U	0.40 U	0.40 U
1,2-Dichloroethane	0.6	0.34 U	0.34 U	0.34 U	0.38 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.40 U	0.40 U	0.40 U	0.56 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.50 U	0.50 U	0.50 U	0.45 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.54 U	0.54 U	0.54 U	0.43 U	0.22 U	0.22 U
2-Butanone	50	1.1 U	1.1 U	43	4.6 U	1.9 U	1.9 U
2-Hexanone	50	1.7 U	1.7 U	1.7 U	2.9 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.6 U	1.6 U	1.6 U	2.7 U	1.8 U	1.8 U
Acetone	50	2.3 U	2.3 U	2.3 U	2.7 U	2.2 U	2.2 U
Benzene	1	0.39 U	0.39 U	0.39 U	0.52 U	0.35 U	0.35 U
Bromodichloromethane	50	0.33 U	0.33 U	0.33 U	0.59 U	0.23 U	0.23 U
Bromoform	50	0.32 U	0.32 U	0.32 U	0.42 U	0.44 U	0.44 U
Bromomethane	5	0.41 U	0.41 U	0.41 U	0.63 U	1.4 U	1.4 U
Carbon Disulfide		0.40 U	0.40 U	0.40 U	0.51 U	0.20 U	0.20 U
Carbon Tetrachloride	5	1.1 U	1.1 U	1.1 U	0.49 U	0.27 U	0.27 U
Chlorobenzene	5	0.47 U	0.47 U	0.47 U	0.50 U	0.28 U	0.28 U
Chloroethane	5	0.83 U	0.83 U	0.83 U	0.49 U	0.80 U	0.80 U
Chloroform	7	0.33 U	0.33 U	0.33 U	0.46 U	0.45 U	0.45 U
Chloromethane		0.34 U	0.34 U	0.34 U	0.38 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.29 U	0.29 U	0.29 U	0.53 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.36 U	0.36 U	0.36 U	0.54 U	0.29 U	0.29 U
Cyclohexane		0.36 U	0.36 U	0.36 U	0.37 U	0.57 U	0.57 U
Dibromochloromethane	50	0.26 U	0.26 U	0.26 U	0.45 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.17 U	0.17 U	0.17 U	0.43 U	0.88 U	0.88 U
Ethyl Benzene	5	0.45 U	0.45 U	0.45 U	0.50 U	0.05 U	0.05 U
Isopropylbenzene	5	0.44 U	0.44 U	0.44 U	0.44 U	0.37 U	0.37 U
m/p-Xylenes	5	1.2 U	1.2 U	1.2 U	0.97 U	0.47 U	0.47 U
Methyl Acetate		0.20 U	0.20 U	0.20 U	0.92 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.28 U	0.28 U	0.28 U	0.50 U	0.23 U	0.23 U
Methylcyclohexane		0.34 U	0.34 U	0.34 U	0.43 U	0.47 U	0.47 U
Methylene Chloride	5	0.43 U	0.43 U	0.43 U	0.52 U	0.38 U	0.38 U
o-Xylene		0.46 U	0.46 U	0.46 U	0.51 U	0.16 U	0.16 U
Styrene	5	0.41 U	0.41 U	0.41 U	0.48 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.32 U	0.32 U	0.32 U	0.44 U	0.31 U	0.31 U
Tetrachloroethene	5	0.48 U	0.48 U	0.48 U	0.68 U	0.97 U	0.97 U
Toluene	5	0.36 U	0.36 U	0.36 U	0.51 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.40 U	0.40 U	0.40 U	0.57 U	0.44 U	0.44 U
Trichloroethene	5	0.46 U	0.46 U	0.46 U	0.56 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.22 U	0.22 U	0.22 U	0.40 U	0.53 U	0.53 U
Vinyl Chloride	2	0.33 U	0.33 U	0.33 U	0.46 U	0.30 U	0.30 U

Notes
U - Not detected at the indicated concentration.
J - Estimated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(60HZ) 1/9/2008 WATER ug/L	EFF(42HZ) 2/6/2008 WATER ug/L	EFF(44HZ) 2/6/2008 WATER ug/L	EFF(44HZ) Duplicate 2/6/2008 WATER ug/L	EFF(46HZ) 2/6/2008 WATER ug/L	EFF(42HZ) 3/6/2008 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethane	5	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
1,1-Dichloroethene	5	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
1,2,4-Trichlorobenzene		0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.4 U
1,2-Dichloroethane	0.6	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Acetone	50	2.2	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Benzene	1	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Bromodichloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Bromoform	50	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Bromomethane	5	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Carbon Disulfide		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U
Carbon Tetrachloride	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Chlorobenzene	5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chloroethane	5	0.80 U	0.80 U	0.80 U	0.80 U	0.80 U	0.8 U
Chloroform	7	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Chloromethane		0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Cyclohexane		0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Dibromochloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Ethyl Benzene	5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Isopropylbenzene	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
m/p-Xylenes	5	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	1.2 J
Methyl Acetate		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Methylcyclohexane		0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Methylene Chloride	5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
o-Xylene		0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Styrene	5	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Tetrachloroethene	5	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U
Toluene	5	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Trichloroethene	5	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl Chloride	2	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U	0.3 U

Notes
U - Not detected at the indicated concentration.
J - Estimated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(42HZ) 4/7/2008 WATER ug/L	EFF(42HZ) 5/5/2008 WATER ug/L	EFF(43HZ) 6/6/2008 WATER ug/L	EFF(44HZ) 7/2/2008 WATER ug/L	EFF(44HZ) 8/8/2008 WATER ug/L	EFF(44HZ) 9/5/2008 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	2.2 J	0.39 U	1.9 J	0.39 U	0.39 U	0.39 U
1,1,2,2-Tetrachloroethane	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,1,2-Trichloroethane	1	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U	0.61 U
1,1-Dichloroethane	5	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
1,1-Dichloroethene	5	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
1,2,4-Trichlorobenzene		0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
1,2-Dibromoethane	5	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2-Dichlorobenzene	3	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
1,2-Dichloroethane	0.6	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
1,2-Dichloropropane	1	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
1,4-Dichlorobenzene	3	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
4-Methyl-2-Pentanone		1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Acetone	50	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Benzene	1	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Bromodichloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Bromoform	50	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Bromomethane	5	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Carbon Disulfide		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Carbon Tetrachloride	5	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Chlorobenzene	5	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Chloroethane	5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Chloroform	7	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Chloromethane		0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
cis-1,2-Dichloroethene	5	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
cis-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U	0.29 U
Cyclohexane		0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
Dibromochloromethane	50	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Dichlorodifluoromethane	5	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U	0.88 U
Ethyl Benzene	5	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Isopropylbenzene	5	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
m/p-Xylenes	5	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Methyl Acetate		0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Methyl tert-butyl Ether		0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Methylcyclohexane		0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Methylene Chloride	5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
o-Xylene		0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Styrene	5	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
t-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Tetrachloroethene	5	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U	0.97 U
Toluene	5	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,2-Dichloroethene	5	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Trichloroethene	5	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Trichlorofluoromethane	5	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Vinyl Chloride	2	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U

Notes
U - Not detected at the indicated concentration.
J - Estimated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(44HZ) 10/3/2008 WATER ug/L	EFF(44HZ) 11/6/2008 WATER ug/L	EFF(44HZ) 12/8/2008 WATER ug/L	EFF(44HZ) 1//8/09 WATER ug/L	EFF(44HZ) 2/10/2009 WATER ug/L	EFF(44HZ) 3/4/2009 WATER ug/L
VOCs							
1,1,1-Trichloroethane	5	0.39 U	1 U	1 U	1 U	0.4 U	0.4 U
1,1,2,2-Tetrachloroethane	5	0.37 U	1 U	1 U	1 U	0.31 U	0.31 U
1,1,2-Trichloroethane	1	0.32 U	1 U	1 U	1 U	0.38 U	0.38 U
1,1,2-Trichlorotrifluoroethane	5	0.61 U	1 U	1 U	1 U	0.45 U	0.45 U
1,1-Dichloroethane	5	0.67 U	1 U	1 U	1 U	0.36 U	0.36 U
1,1-Dichloroethene	5	0.67 U	1 U	1 U	1 U	0.47 U	0.47 U
1,2,4-Trichlorobenzene		0.39 U	1 U	2.2	1 U	0.62 U	0.62 U
1,2-Dibromo-3-Chloropropane	0.04	0.58 U	1 U	1 U	1 U	0.46 U	0.46 U
1,2-Dibromoethane	5	0.26 U	1 U	1 U	1 U	0.41 U	0.41 U
1,2-Dichlorobenzene	3	0.4 U	1 U	1 U	1 U	0.45 U	0.45 U
1,2-Dichloroethane	0.6	0.41 U	1 U	1 U	1 U	0.48 U	0.48 U
1,2-Dichloropropane	1	0.46 U	1 U	1 U	1 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.28 U	1 U	1 U	1 U	0.43 U	0.43 U
1,4-Dichlorobenzene	3	0.22 U	1 U	1 U	1 U	0.32 U	0.32 U
2-Butanone	50	1.9 U	5 U	5 U	5 U	1.3 U	1.3 U
2-Hexanone	50	1.8 U	5 U	5 U	5 U	1.9 U	1.9 U
4-Methyl-2-Pentanone		1.8 U	5 U	5 U	5 U	2.1 U	2.1 U
Acetone	50	2.2 U	5 U	5 U	5 U	2.8 U	2.8 U
Benzene	1	0.35 U	1 U	1 U	1 U	0.32 U	0.32 U
Bromodichloromethane	50	0.23 U	1 U	1 U	1 U	0.36 U	0.36 U
Bromoform	50	0.44 U	1 U	1 U	1 U	0.47 U	0.47 U
Bromomethane	5	1.4 U	1 U	1 U	1 U	0.62 U	0.62 U
Carbon Disulfide		0.2 U	1 U	1 U	1 U	0.54 U	0.54 U
Carbon Tetrachloride	5	0.27 U	1 U	1 U	1 U	0.62 U	0.62 U
Chlorobenzene	5	0.28 U	1 U	1 U	1 U	0.49 U	0.49 U
Chloroethane	5	0.8 U	1 U	1 U	1 U	0.66 U	0.66 U
Chloroform	7	0.45 U	1 U	1 U	1 U	0.34 U	0.34 U
Chloromethane		0.37 U	1 U	1 U	1 U	0.54 U	0.54 U
cis-1,2-Dichloroethene	5	0.72 U	1 U	1 U	1 U	0.35 U	0.35 U
cis-1,3-Dichloropropene	0.4	0.29 U	1 U	1 U	1 U	0.31 U	0.31 U
Cyclohexane		0.57 U	1.9	1 U	1 U	0.55 U	0.55 U
Dibromochloromethane	50	0.23 U	1 U	1 U	1 U	0.52 U	0.52 U
Dichlorodifluoromethane	5	0.88 U	1 U	1 U	1 U	0.55 U	0.55 U
Ethyl Benzene	5	0.05 U	1 U	1 U	1 U	0.53 U	0.53 U
Isopropylbenzene	5	0.37 U	1 U	1 U	1 U	0.45 U	0.45 U
m/p-Xylenes	5	0.47 U	2 U	2 U	2 U	0.95 U	0.95 U
Methyl Acetate		0.45 U	1 U	1 U	1 U	0.83 U	0.83 U
Methyl tert-butyl Ether		0.23 U	1 U	1 U	1 U	0.35 U	0.35 U
Methylcyclohexane		0.47 U	1 U	1 U	1 U	0.68 U	0.68 U
Methylene Chloride	5	0.38 U	1 U	1 U	1 U	0.41 U	0.41 U
o-Xylene		0.16 U	1 U	1 U	1 U	0.43 U	0.43 U
Styrene	5	0.19 U	1 U	1 U	1 U	0.36 U	0.36 U
t-1,3-Dichloropropene	0.4	0.31 U	1 U	1 U	1 U	0.29 U	0.29 U
Tetrachloroethene	5	0.97 U	1 U	1 U	1 U	0.27 U	0.27 U
Toluene	5	0.16 U	1 U	1 U	1 U	0.37 U	0.37 U
trans-1,2-Dichloroethene	5	0.44 U	1 U	1 U	1 U	0.41 U	0.41 U
Trichloroethene	5	0.44 U	1 U	1 U	1 U	0.28 U	0.28 U
Trichlorofluoromethane	5	0.34 U	1 U	1 U	1 U	0.35 U	0.35 U
Vinyl Chloride	2	0.53 U	1 U	1 U	1 U	0.34 U	0.34 U

Notes
U - Not detected at the indicated concentration.
J - Estimated concentration.

TABLE 2-3
SUMMARY OF GROUNDWATER TREATMENT SYSTEM VOCS (EFFLUENT)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	EFF(44HZ) 4/3/2009 WATER ug/L	EFF(44HZ) 5/18/2009 WATER ug/L	EFF(44HZ) 6/25/2009 WATER ug/L
VOCs				
1,1,1-Trichloroethane	5	0.4 U	0.4 U	2.1
1,1,2,2-Tetrachloroethane	5	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	1	0.38 U	0.38 U	0.38 U
1,1,2-Trichlorotrifluoroethane	5	0.45 U	0.45 U	0.45 U
1,1-Dichloroethane	5	0.36 U	0.36 U	0.36 U
1,1-Dichloroethene	5	0.47 U	0.47 U	0.47 U
1,2,4-Trichlorobenzene		0.62 U	0.62 U	0.62 U
1,2-Dibromo-3-Chloropropane	0.04	0.46 U	0.46 U	0.46 U
1,2-Dibromoethane	5	0.41 U	0.41 U	0.41 U
1,2-Dichlorobenzene	3	0.45 U	0.45 U	0.45 U
1,2-Dichloroethane	0.6	0.48 U	0.48 U	0.48 U
1,2-Dichloropropane	1	0.46 U	0.46 U	0.46 U
1,3-Dichlorobenzene	3	0.43 U	0.43 U	0.43 U
1,4-Dichlorobenzene	3	0.32 U	0.32 U	0.32 U
2-Butanone	50	1.3 U	1.3 U	1.3 U
2-Hexanone	50	1.9 U	1.9 U	1.9 U
4-Methyl-2-Pentanone		2.1 U	2.1 U	2.1 U
Acetone	50	2.8 U	2.8 U	2.8 U
Benzene	1	0.32 U	0.32 U	0.32 U
Bromodichloromethane	50	0.36 U	0.36 U	0.36 U
Bromoform	50	0.47 U	0.47 U	0.47 U
Bromomethane	5	0.62 U	0.62 U	0.62 U
Carbon Disulfide		0.54 U	0.54 U	0.54 U
Carbon Tetrachloride	5	0.62 U	0.62 U	0.62 U
Chlorobenzene	5	0.49 U	0.49 U	0.49 U
Chloroethane	5	0.66 U	0.66 U	0.66 U
Chloroform	7	0.34 U	0.34 U	0.34 U
Chloromethane		0.54 U	0.54 U	0.54 U
cis-1,2-Dichloroethene	5	0.35 U	0.35 U	0.35 U
cis-1,3-Dichloropropene	0.4	0.31 U	0.31 U	0.31 U
Cyclohexane		0.55 U	0.55 U	0.55 U
Dibromochloromethane	50	0.52 U	0.52 U	0.52 U
Dichlorodifluoromethane	5	0.55 U	0.55 U	0.55 U
Ethyl Benzene	5	0.53 U	0.53 U	0.53 U
Isopropylbenzene	5	0.45 U	0.45 U	0.45 U
m/p-Xylenes	5	0.95 U	0.95 U	0.95 U
Methyl Acetate		0.83 U	0.83 U	0.83 U
Methyl tert-butyl Ether		0.35 U	0.35 U	0.35 U
Methylcyclohexane		0.68 U	0.68 U	0.68 U
Methylene Chloride	5	0.41 U	0.41 U	0.41 U
o-Xylene		0.43 U	0.43 U	0.43 U
Styrene	5	0.36 U	0.36 U	0.36 U
t-1,3-Dichloropropene	0.4	0.29 U	0.29 U	0.29 U
Tetrachloroethene	5	0.27 U	0.27 U	0.27 U
Toluene	5	0.37 U	0.37 U	0.37 U
trans-1,2-Dichloroethene	5	0.41 U	0.41 U	0.41 U
Trichloroethene	5	0.28 U	0.28 U	0.28 U
Trichlorofluoromethane	5	0.35 U	0.35 U	0.35 U
Vinyl Chloride	2	0.34 U	0.34 U	0.34 U

Notes
U - Not detected at the indicated concentration.
J - Estimated concentration.

Table 2-4
SUMMARY OF GROUNDWATER MONITORING WELL WATER LEVEL DATA
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC SITE No. 7-09-009

Well ID	Monitored Interval	Measuring Point Elevation [1] (feet)	6/11/2009	
			DTW (feet)	Elevation (feet amsl)
TW-1	Shallow	1212.71 [4]	7.59	1205.12
TW-2S	Shallow	1212.57 [4]	8.73	1203.84
TW-2I	Intermediate	1212.16 [4]	8.55	1203.61
TW-2D	Deep	1212.26 [4]	8.63	1203.63
TW-3S	Shallow	1213.60	10.15	1203.45
TW-3I	Intermediate	1213.19	9.56	1203.63
TW-3D	Deep	1213.47	9.82	1203.65
TW-4I	Intermediate	1209.96 [2]	7.39	1202.57
TW-5S	Shallow	1211.78	8.57	1203.21
TW-5I	Intermediate	1211.89	8.89	1203.00
TW-5D	Deep	1212.55	9.78	1202.77
TW-6S	Shallow	1212.38 [2]	9.51	1202.87
TW-6I	Intermediate	1212.92 [2]	10.26	1202.66
TW-6D	Deep	1212.35 [2]	10.05	1202.3
TW-7S	Shallow	1213.48	9.31	1204.17
TW-7I	Intermediate	1213.60	9.84	1203.76
TW-7D	Deep	1213.25	9.66	1203.59
TW-9I	Intermediate	1213.75 [4]	10.56	1203.19
TW-9D	Deep	1213.84 [4]	10.86	1202.98
TW-10D	Deep	1212.47 [4]	10.41	1202.06
TW-12I	Intermediate	-	6.32	
TW-12D	Deep	-	6.36	
TW-14S	Shallow	1210.05 [2]	7.17	1202.88
TW-14I	Intermediate	1210.17 [2]	7.67	1202.5
TW-14D	Deep	1209.98 [2]	7.26	1202.72
TW-15	Intermediate	1212.94 [2]	10.06	1202.88
RW-1	Recovery Well	1169.98 [2,3]	30.3	1200.28
RW-2	Recovery Well	-		.

Notes:

1 - Measuring point elevations from: Operation and Maintenance Manual,
Volume I, Gladding Cordage Site, TAMS Consulting, Inc., 1996.
2 - Based on December 2007 survey referenced from TW-5D top of casing elevation.
3 - RW-1 water elevation calculated from water level pressure transducer reading.
4 - Based on June 2009 survey referenced from TW-3S, 5D, and 6D top of casing elevations.

TABLE 2-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	TW-1 6/25/2009 WATER ug/L	TW-2S 6/25/2009 WATER ug/L	TW-2I 6/25/2009 WATER ug/L	TW-2D 6/25/2009 WATER ug/L	TW-3S 9/6/2007 WATER ug/L	TW-3S 10/17/2008 WATER ug/L	TW-3S 6/25/2009 WATER ug/L	TW-3I 9/6/2007 WATER ug/L	TW-3I 10/17/2008 WATER ug/L	TW-3I 6/25/2009 WATER ug/L
VOCs											
1,1,1-Trichloroethane	5	0.4 U	0.4 U	1.4	0.4 U	0.32 U	3.4	0.4 U	**9.1**	**6.7**	0.4 U
1,1-Dichloroethane	*	0.36 U	0.36 U	0.36 U	0.36 U	0.38 U	1 U	0.36 U	0.38 U	1 U	0.36 U
1,1-Dichloroethene	5	0.47 U	0.47 U	0.47 U	0.47 U	0.42 U	1 U	0.47 U	0.42 U	1 U	0.47 U
Acetone	50	10	11	9.5	19	2.3 U	5 U	13	2.3 U	5 U	16
Benzene	1	0.32 U	0.32 U	0.32 U	0.32 U	0.39 U	1 U	0.32 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	0.62 U	0.62 U	0.62 U	0.62 U	1.1 U	1 U	0.62 U	1.1 U	1 U	0.62 U
Chloroform	7	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U	1 U	0.34 U
cis-1,2-Dichloroethene	5	0.35 U	0.35 U	0.35 U	0.35 U	0.29 U	1 U	0.35 U	0.29 U	1 U	0.35 U
Tetrachloroethene	5	0.27 U	0.27 U	0.27 U	0.27 U	0.48 U	1 U	0.27 U	0.48 U	1 U	0.27 U
Trichloroethene	5	0.28 U	0.28 U	0.28 U	0.28 U	0.46 U	1 U	0.28 U	0.46 U	1 U	0.28 U
Total VOCs		10	11	10.9	19	0	3.4	13	9.1	6.7	16

Notes

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J - and detected below the reporting limit or Concentration is estimated for TICS.

D - Sample dilluted

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TABLE 2-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	TW-3D 9/6/2007 WATER ug/L	TW-3D 10/17/2008 WATER ug/L	TW-3D 6/25/2009 WATER ug/L	TW-4I 9/6/2007 WATER ug/L	TW-4I 10/17/2008 WATER ug/L	TW-4I 6/25/2009 WATER ug/L	TW-5S 9/6/2007 WATER ug/L	TW-5S 10/17/2008 WATER ug/L	TW-5S 6/25/2009 WATER ug/L	TW-5I 9/6/2007 WATER ug/L
VOCs											
1,1,1-Trichloroethane	5	0.32 U	1.3	1.4	**6.6**	1.1	0.4 U	0.32 U	**11**	**13**	4.8 J
1,1-Dichloroethane	*	0.38 U	1 U	0.36 U	0.38 U	3.8	3.8	0.38 U	1 U	0.48 J	0.38 U
1,1-Dichloroethene	5	0.42 U	1 U	0.47 U	0.42 U	1 U	0.47 U	0.42 U	1 U	0.47 U	0.42 U
Acetone	50	2.3 U	5 U	11	2.3 U	5 U	16	2.3 U	5 U	9.2	2.3 U
Benzene	1	0.39 U	1 U	0.32 U	0.39 U	1 U	0.32 U	0.39 U	1 U	0.32 U	**6.2**
Carbon Tetrachloride	5	1.1 U	1 U	0.62 U	1.1 U	1 U	0.62 U	1.1 U	1 U	0.62 U	1.1 U
Chloroform	7	0.33 U	1 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U
cis-1,2-Dichloroethene	5	0.29 U	1 U	0.35 U	0.29 U	1 U	0.35 U	0.29 U	1 U	0.35 U	0.29 U
Tetrachloroethene	5	0.48 U	1 U	0.27 U	0.48 U	1 U	0.27 U	0.48 U	1 U	0.27 U	0.48 U
Trichloroethene	5	0.46 U	1 U	0.28 U	0.46 U	1 U	0.28 U	0.46 U	1 U	0.28 U	0.46 U
Total VOCs		0	1.3	12.4	6.6	4.9	19.8	0	11	22.68	11.4

Notes

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TABLE 2-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	TW-5I 10/17/2008 WATER ug/L	TW-5I 6/25/2009 WATER ug/L	TW-5D 9/6/2007 WATER ug/L	TW-5D 10/17/2008 WATER ug/L	TW-5D 6/25/2009 WATER ug/L	TW-6S 9/6/2007 WATER ug/L	TW-6S 10/17/2008 WATER ug/L	TW-6S 6/25/2009 WATER ug/L	TW-11[(1)] 6/25/2009 WATER ug/L	TW-6I 9/6/2007 WATER ug/L
VOCs											
1,1,1-Trichloroethane	5	**8.8**	**90**	**41**	**28**	**32**	0.32 U	0.53 J	0.4 U	0.4 U	0.32 U
1,1-Dichloroethane	*	1	3.5	0.38 U	1 U	0.36 U	0.38 U	1 U	0.36 U	0.36 U	0.38 U
1,1-Dichloroethene	5	1 U	0.47 U	0.42 U	1 U	0.47 U	0.42 U	1 U	0.47 U	0.47 U	0.42 U
Acetone	50	5 U	13	2.3 U	5 U	20	2.3 U	5 U	11	11	2.3 U
Benzene	1	**3.5**	0.32 U	0.39 U	1 U	0.32 U	0.39 U	1 U	0.32 U	0.32 U	0.39 U
Carbon Tetrachloride	5	1 U	0.62 U	1.1 U	1 U	0.62 U	1.1 U	1 U	0.62 U	0.62 U	1.1 U
Chloroform	7	1 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U	1.6	1	0.99 J	0.33 U
cis-1,2-Dichloroethene	5	1 U	0.35 U	0.29 U	1 U	0.35 U	0.29 U	1 U	0.35 U	0.35 U	0.29 U
Tetrachloroethene	5	1 U	0.27 U	0.48 U	1 U	0.27 U	0.48 U	1 U	0.27 U	0.27 U	0.48 U
Trichloroethene	5	1 U	0.28 U	0.46 U	1 U	0.28 U	0.46 U	1 U	0.28 U	0.28 U	0.46 U
Total VOCs		13.3	106.5	41	28	52	0	2.13	12	11.99	0

Notes

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TABLE 2-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	TW-6I 10/17/2008 WATER ug/L	TW-6I 6/25/2009 WATER ug/L	TW-6D 9/6/2007 WATER ug/L	TW-6D 10/17/2008 WATER ug/L	TW-6D 6/25/2009 WATER ug/L	TW-7S 9/6/2007 WATER ug/L	TW-7S 10/17/2008 WATER ug/L	TW-7S 6/25/2009 WATER ug/L	TW-7I 9/6/2007 WATER ug/L	TW-7I 10/17/2008 WATER ug/L
VOCs											
1,1,1-Trichloroethane	5	1.3	0.4 U	0.32 U	1 U	0.4 U	**8.2**	**18**	**7.8**	0.32 U	1.5
1,1-Dichloroethane	*	1 U	0.36 U	0.38 U	1 U	0.36 U	0.38 U	1 U	0.36 U	0.38 U	1 U
1,1-Dichloroethene	5	1 U	0.47 U	0.42 U	1 U	0.47 U	0.42 U	1 U	0.47 U	0.42 U	1 U
Acetone	50	4.4 J	11	2.3 U	5 U	21	2.3 U	3.3 J	22	2.3 U	5 U
Benzene	1	1 U	0.32 U	0.39 U	1 U	1	0.39 U	1 U	0.32 U	0.39 U	1 U
Carbon Tetrachloride	5	1 U	0.62 U	1.1 U	1 U	0.62 U	1.1 U	2.6	0.62 U	1.1 U	1 U
Chloroform	7	1 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U	1 U
cis-1,2-Dichloroethene	5	4.1	0.35 U	0.29 U	1 U	0.35 U	0.29 U	1 U	0.35 U	0.29 U	1 U
Tetrachloroethene	5	2.4	0.27 U	0.48 U	1 U	0.27 U	0.48 U	1 U	0.27 U	0.48 U	1 U
Trichloroethene	5	1.2	0.28 U	0.46 U	1 U	0.28 U	0.46 U	1 U	0.28 U	0.46 U	1 U
Total VOCs		13.4	11	0	0	22	8.2	23.9	29.8	0	1.5

Notes

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TABLE 2-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	TW-7I 6/25/2009 WATER ug/L	TW-7D 9/6/2007 WATER ug/L	TW-7D 10/17/2008 WATER ug/L	TW-7D 6/25/2009 WATER ug/L	TW-9I 6/25/2009 WATER ug/L	TW-9D 6/25/2009 WATER ug/L	TW-10D 6/25/2009 WATER ug/L	TW-12I 9/6/2007 WATER ug/L	TW-12I 10/17/2008 WATER ug/L	TW-12I 6/25/2009 WATER ug/L
VOCs											
1,1,1-Trichloroethane	5	0.4 U	**21**	3.8	**9.1**	**5.5**	0.4 U	0.53 J	0.32 U	1 U	0.4 U
1,1-Dichloroethane	*	0.36 U	0.38 U	1 U	0.36 U	0.36 U	0.36 U	0.36 U	0.38 U	1 U	0.36 U
1,1-Dichloroethene	5	0.47 U	4.8 J	1 U	0.47 U	0.47 U	0.47 U	0.47 U	0.42 U	1 U	0.47 U
Acetone	50	15	2.3 U	5 U	17	17	9.1	19	2.3 U	5 U	10
Benzene	1	0.32 U	0.39 U	1 U	0.32 U	0.32 U	0.32 U	0.32 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	0.62 U	1.1 U	1 U	0.62 U	0.62 U	0.62 U	0.62 U	1.1 U	1 U	0.62 U
Chloroform	7	0.34 U	0.33 U	1 U	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	1 U	0.34 U
cis-1,2-Dichloroethene	5	0.35 U	0.29 U	1 U	0.35 U	0.35 U	0.35 U	0.35 U	0.29 U	1 U	0.35 U
Tetrachloroethene	5	0.27 U	0.48 U	1 U	0.27 U	0.27 U	0.27 U	0.27 U	0.48 U	1 U	0.27 U
Trichloroethene	5	0.28 U	0.46 U	1 U	0.28 U	0.28 U	0.28 U	0.28 U	0.46 U	1 U	0.28 U
Total VOCs		15	25.8	3.8	26.1	22.5	9.1	19.53	0	0	10

Notes

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TABLE 2-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	TW-12D 9/6/2007 WATER ug/L	TW-12D 6/25/2009 WATER ug/L	TW-14S 9/6/2007 WATER ug/L	TW-14S 10/17/2008 WATER ug/L	TW-14S 6/25/2009 WATER ug/L	TW-14I 9/6/2007 WATER ug/L	TW-14I 10/17/2008 WATER ug/L	TW-14I 6/25/2009 WATER ug/L	TW-14D 9/6/2007 WATER ug/L	TW-14D 10/17/2008 WATER ug/L
VOCs											
1,1,1-Trichloroethane	5	0.32 U	0.4 U	0.32 U	**68**	0.4 U	**39**	**95**	**83**	**42**	**18**
1,1-Dichloroethane	*	0.38 U	0.36 U	0.38 U	**5.8**	1.2	0.38 U	2.8	3.2	0.38 U	1 U
1,1-Dichloroethene	5	0.42 U	0.47 U	0.42 U	1 U	0.47 U	3.7 J	1.5	0.47 U	**7.2**	1 U
Acetone	50	2.3 U	14	2.3 U	5 U	14	2.3 U	5 U	13	2.3 U	5 U
Benzene	1	0.39 U	0.32 U	0.39 U	1 U	0.32 U	0.39 U	1 U	0.32 U	0.39 U	1 U
Carbon Tetrachloride	5	1.1 U	0.62 U	1.1 U	1 U	0.62 U	1.1 U	1 U	0.62 U	1.1 U	1 U
Chloroform	7	0.33 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U	1 U	0.34 U	0.33 U	1 U
cis-1,2-Dichloroethene	5	0.29 U	0.35 U	0.29 U	1 U	0.35 U	0.29 U	1 U	0.35 U	0.29 U	1 U
Tetrachloroethene	5	0.48 U	0.27 U	0.48 U	1 U	0.27 U	0.48 U	1 U	0.27 U	0.48 U	1 U
Trichloroethene	5	0.46 U	0.28 U	0.46 U	1 U	0.28 U	0.46 U	1 U	0.28 U	0.46 U	1 U
Total VOCs		0	14	0	73.8	15.2	42.7	99.3	99.2	49.2	18

Notes

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D - Sample dilluted

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TABLE 2-5
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (VOCS)
GLADDING CORDAGE
SOUTH OTSELIC, NEW YORK
NYSDEC Site No. 7-09-009

Sample ID Sampling Date Matrix Units	NYSDEC GA Standard ug/L	TW-14D 6/25/2009 WATER ug/L	TW-15 9/6/2007 WATER ug/L	TW-15 10/17/2008 WATER ug/L	TW-15 6/25/2009 WATER ug/L
VOCs					
1,1,1-Trichloroethane	5	0.4 U	**17**	**84 D**	**95**
1,1-Dichloroethane	*	0.36 U	0.38 U	3.3	3.4
1,1-Dichloroethene	5	0.47 U	4.6 J	2	1.8
Acetone	50	15	2.3 U	5 U	9.7
Benzene	1	0.32 U	0.39 U	1 U	0.32 U
Carbon Tetrachloride	5	0.62 U	1.1 U	1 U	0.62 U
Chloroform	7	0.34 U	0.33 U	1 U	0.34 U
cis-1,2-Dichloroethene	5	0.35 U	0.29 U	1 U	0.35 U
Tetrachloroethene	5	0.27 U	0.48 U	1 U	0.27 U
Trichloroethene	5	0.28 U	0.46 U	1 U	0.28 U
Total VOCs		15	21.6	89.3	109.9

Notes

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New York State Department of Environmental Conservation
Gladding Cordage Site - Quarterly Report and Annual Groundwater Monitoring Summary

Appendix A

Operation and Maintenance Logs

MALCOLM PIRNIE

Daily Phone Log
Gladding Cordage Groundwater Treatment System
South Otselic, New York
NYSDEC Site #709009
315-653-7234

Date	System Information				
	Blower Pressure	Sump Level	Recovery Well 1	Recovery Well 2	Notes
4/1/2009	X	X	X	X	
4/2/2009	X	X	X	X	
4/3/2009	X	X	X	X	
4/4/2009	X	X	X	X	(1)
4/5/2009	X	X	X	X	(1)
4/6/2009	X	X	X	X	
4/7/2009	X	X	X	X	
4/8/2009	X	X	X	X	
4/9/2009	X	X	X	X	
4/10/2009	X	X	X	X	
4/11/2009	X	X	X	X	(1)
4/12/2009	X	X	X	X	(1)
4/13/2009	X	X	X	X	
4/14/2009	X	X	X	X	
4/15/2009	X	X	X	X	
4/16/2009	X	X	X	X	
4/17/2009	X	X	X	X	
4/18/2009	X	X	X	X	(1)
4/19/2009	X	X	X	X	(1)
4/20/2009	X	X	X	X	
4/21/2009	X	X	X	X	
4/22/2009	X	X	X	X	
4/23/2009	X	X	X	X	
4/24/2009	X	X	X	X	
4/25/2009	X	X	X	X	(1)
4/26/2009	X	X	X	X	(1)
4/27/2009	X	X	X	X	
4/28/2009	X	X	X	X	
4/29/2009	X	X	X	X	
4/30/2009	X	X	X	X	

Notes:
X - Indicates normal operation
1 - No data recorded. System operation based on previous and subsequent day's call log.

Daily Phone Log
Gladding Cordage Groundwater Treatment System
South Otselic, New York
NYSDEC Site #709009
315-653-7234

Date	System Information				
	Blower Pressure	Sump Level	Recovery Well 1	Recovery Well 2	Notes
5/1/2009	X	X	X	X	
5/2/2009	X	X	X	X	(1)
5/3/2009	X	X	X	X	(1)
5/4/2009	X	X	X	X	
5/5/2009	X	X	X	X	
5/6/2009	X	X	X	X	
5/7/2009	X	X	X	X	
5/8/2009	X	X	X	X	
5/9/2009	X	X	X	X	(1)
5/10/2009	X	X	X	X	(1)
5/11/2009	X	X	X	X	
5/12/2009	X	X	X	X	
5/13/2009	X	X	X	X	
5/14/2009	X	X	X	X	
5/15/2009	X	X	X	X	
5/16/2009	X	X	X	X	(1)
5/17/2009	X	X	X	X	(1)
5/18/2009	X	X	X	X	
5/19/2009	X	X	X	X	
5/20/2009	X	X	X	X	
5/21/2009	X	X	X	X	
5/22/2009	X	X	X	X	
5/23/2009	X	X	X	X	(1)
5/24/2009	X	X	X	X	(1)
5/25/2009	X	X	X	X	
5/26/2009	X	X	X	X	
5/27/2009	X	X	X	X	
5/28/2009	X	X	X	X	
5/29/2009	X	X	X	X	
5/30/2009	X	X	X	X	(1)
5/31/2009	X	X	X	X	(1)

Notes:
X - Indicates normal operation
1 - No data recorded. System operation based on previous and subsequent day's call log.

Daily Phone Log
Gladding Cordage Groundwater Treatment System
South Otselic, New York
NYSDEC Site #709009
315-653-7234

Date	System Information				
	Blower Pressure	Sump Level	Recovery Well 1	Recovery Well 2	Notes
6/1/2009	X	X	X	X	
6/2/2009	X	X	X	X	
6/3/2009	X	X	X	X	
6/4/2009	X	X	X	X	
6/5/2009	X	X	X	X	
6/6/2009	X	X	X	X	(1)
6/7/2009	X	X	X	X	(1)
6/8/2009	X	X	X	X	
6/9/2009	X	X	X	X	
6/10/2009	X	X	X	X	
6/11/2009	X	X	X	X	
6/12/2009	X	X	X	X	
6/13/2009	X	X	X	X	(1)
6/14/2009	X	X	X	X	(1)
6/15/2009	X	X	X	X	
6/16/2009	X	X	X	X	
6/17/2009	X	X	X	X	
6/18/2009	X	X	X	X	
6/19/2009	X	X	X	X	
6/20/2009	X	X	X	X	(1)
6/21/2009	X	X	X	X	(1)
6/22/2009	X	X	X	X	
6/23/2009	X	X	X	X	
6/24/2009	X	X	X	X	
6/25/2009	X	X	X	X	
6/26/2009	X	X	X	X	
6/27/2009	X	X	X	X	(1)
6/28/2009	X	X	X	X	(1)
6/29/2009	X	X	X	X	
6/30/2009	X	X	X	X	

Notes:
X - Indicates normal operation
1 - No data recorded. System operation based on previous and subsequent day's call log.

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 4/3/2009
Inspector JW
Time (in) 07:45 (out) 08:45

System Operation	Initial	Final	**Alarms**	Initial	Final
System On (Y/N)	Y	Y	Blower Pressure (Y/N)	N	N
RW-1 On (Y/N)	Y	Y	Sump Level (Y/N)	N	N
RW-2 On (Y/N)	Y	Y	RW-1 (Y/N)	N	N
Blower On (Y/N)	Y	Y	RW-2 (Y/N)	N	N

Recovery Wells	Initial	Final		Initial	Final
	RW-1			RW-2	
Flow Rate (GPM	-	31.2		Flow meter inop	
Total Flow (Gallons)	-	23159480		Flow meter inop	
Water Level (Feet)	-	31.6		-	30.8

Influent/Effluent Piping OK? (Y/N) Y

Air Stripper		Initial	Final
Blower VFD Setting (Hertz)		-	44
System Pressure (inches water)		-	9.5
Intake/Exhaust Piping OK? (Y/N)	Y		
Water Leaks (Y/N)	N		
Water Temperature (F°)	50		

General Building/Site			
Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	ON	Sump High Level Switch OK? (Y/N)	Y
Grass Mowed (Y/N)	n/a	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	Y	Samples Collected (Y/N)	Y

Notes:

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 5/18/2009
Inspector JW
Time (in) 12:30 (out) 13:10

System Operation	Initial	Final	**Alarms**	Initial	Final
System On (Y/N)	Y	Y	Blower Pressure (Y/N)	N	N
RW-1 On (Y/N)	Y	Y	Sump Level (Y/N)	N	N
RW-2 On (Y/N)	Y	Y	RW-1 (Y/N)	N	N
Blower On (Y/N)	Y	Y	RW-2 (Y/N)	N	N

Recovery Wells	Initial	Final		Initial	Final
	RW-1			RW-2	
Flow Rate (GPM	-	31.5		Flow meter inop	
Total Flow (Gallons)	-	25128390		Flow meter inop	
Water Level (Feet)	-	31		-	30.7

Influent/Effluent Piping OK? (Y/N) Y

Air Stripper		Initial	Final
Blower VFD Setting (Hertz)		-	44
System Pressure (inches water)		-	9.7
Intake/Exhaust Piping OK? (Y/N)	Y		
Water Leaks (Y/N)	N		
Water Temperature (F°)	50		

General Building/Site			
Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	off	Sump High Level Switch OK? (Y/N)	Y
Grass Mowed (Y/N)	n/a	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	Y	Samples Collected (Y/N)	Y

Notes:

Heat turned off.

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 6/11/2009
Inspector JW
Time (in) 08:50 (out) 13:40

System Operation	Initial	Final	**Alarms**	Initial	Final
System On (Y/N)	Y	Y	Blower Pressure (Y/N)	N	N
RW-1 On (Y/N)	Y	Y	Sump Level (Y/N)	N	N
RW-2 On (Y/N)	Y	Y	RW-1 (Y/N)	N	N
Blower On (Y/N)	Y	Y	RW-2 (Y/N)	N	N

Recovery Wells	Initial	Final		Initial	Final
	RW-1			RW-2	
Flow Rate (GPM	-	31.3		Flow meter inop	
Total Flow (Gallons)	-	26208070		Flow meter inop	
Water Level (Feet)	-	30.3		-	29.9

Influent/Effluent Piping OK? (Y/N) Y

Air Stripper		Initial	Final
Blower VFD Setting (Hertz)		-	44
System Pressure (inches water)		-	9.2
Intake/Exhaust Piping OK? (Y/N)	Y		
Water Leaks (Y/N)	N		
Water Temperature (F°)	50		

General Building/Site			
Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	off	Sump High Level Switch OK? (Y/N)	Y
Grass Mowed (Y/N)	N	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	N	Samples Collected (Y/N)	N

Notes:

Site needs mowing.
Installed PDBs with Aztech for annual groundwater monitoring event.
TW-15I needs new road box protective casing.
No samples collected - will collect when samples collected from PDBs.

GROUNDWATER TREATMENT SYSTEM
OPERATION AND MAINTENANCE CHECK LIST

Gladding Cordage
South Otselic, New York
NYSDEC Site #709009

Date 6/25/2009
Inspector JW
Time (in) 07:50 (out) 12:30

System Operation	Initial	Final	**Alarms**	Initial	Final
System On (Y/N)	Y	Y	Blower Pressure (Y/N)	N	N
RW-1 On (Y/N)	Y	Y	Sump Level (Y/N)	N	N
RW-2 On (Y/N)	Y	Y	RW-1 (Y/N)	N	N
Blower On (Y/N)	Y	Y	RW-2 (Y/N)	N	N

Recovery Wells	Initial	Final		Initial	Final
	RW-1			RW-2	
Flow Rate (GPM	-	31.1		Flow meter inop	
Total Flow (Gallons)	-	26832620		Flow meter inop	
Water Level (Feet)	-	30.9		-	29.9

Influent/Effluent Piping OK? (Y/N) Y

Air Stripper	Initial	Final
Blower VFD Setting (Hertz)	-	44
System Pressure (inches water)	-	9.1
Intake/Exhaust Piping OK? (Y/N)	Y	
Water Leaks (Y/N)	N	
Water Temperature (F°)	50	

General Building/Site			
Building Condition OK? (Y/N)	Y	Sump Pump Operational? (Y/N)	Y
Heat (On/Off)	off	Sump High Level Switch OK? (Y/N)	Y
Grass Mowed (Y/N)	N	Circuit Breakers Checked (Y/N)	Y
Monitoring Wells OK? (Y/N)	Y	Samples Collected (Y/N)	Y

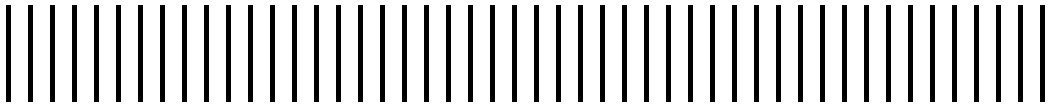
Notes:

Collected groundwater samples from all monitoring wells.
Replaced road box protective casing for TW-15I.
Received request from Town Supervisor (David Messino) to replace stick-up protective casings in Town park with flush-mount protective casings due to insurance issues.
Spoke with P. Long and agreed to have casings replaced.
Informed Town Supervisor that protective casings would be retrofitted.

New York State Department of Environmental Conservation
Gladding Cordage Site - Quarterly Report and Annual Groundwater Monitoring Summary

Appendix B

Analytical Reporting Forms



0266365 / ALB

MALCOLM PIRNIE

ANALYTICAL RESULTS
SUMMARY

PROJECT NAME : DEC GLADDING CORDAGE

MALCOLM PIRNIE, INC.

855 Route 146, Suite 210

Clifton Park , NY - 12065

Phone No: 5182507300

ORDER ID : **A3321**

ATTENTION : **Jeremy Wyckoff**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
TW-5D	A3321-01	8260					
TW-7S	A3321-02	8260					
TW-7I	A3321-03	8260					
TW-7D	A3321-04	8260					
TW-9D	A3321-05	8260					
TW-9I	A3321-06	8260					
TW-10D	A3321-07	8260					
TW-6S	A3321-08	8260					
TW-11	A3321-09	8260					
TW-6I	A3321-10	8260					
TW-15	A3321-11	8260					
TW-1	A3321-12	8260					
TW-2I	A3321-13	8260					
TW-2S	A3321-14	8260					
TW-2D	A3321-15	8260					
TW-3I	A3321-16	8260					
TW-3S	A3321-17	8260					
TW-3D	A3321-18	8260					
TW-5S	A3321-19	8260					
TW-5I	A3321-20	8260					

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
A3321-01	WATER	06/25/09	06/26/09		07/02/09
A3321-02	WATER	06/25/09	06/26/09		06/30/09
A3321-03	WATER	06/25/09	06/26/09		06/30/09
A3321-04	WATER	06/25/09	06/26/09		06/30/09
A3321-05	WATER	06/25/09	06/26/09		06/30/09
A3321-06	WATER	06/25/09	06/26/09		06/30/09
A3321-07	WATER	06/25/09	06/26/09		06/30/09
A3321-08	WATER	06/25/09	06/26/09		06/29/09
A3321-09	WATER	06/25/09	06/26/09		06/29/09
A3321-10	WATER	06/25/09	06/26/09		06/29/09
A3321-11	WATER	06/25/09	06/26/09		06/29/09
A3321-12	WATER	06/25/09	06/26/09		06/29/09
A3321-13	WATER	06/25/09	06/26/09		06/29/09
A3321-14	WATER	06/25/09	06/26/09		06/29/09
A3321-15	WATER	06/25/09	06/26/09		06/30/09
A3321-16	WATER	06/25/09	06/26/09		06/30/09
A3321-17	WATER	06/25/09	06/26/09		06/30/09
A3321-18	WATER	06/25/09	06/26/09		06/30/09
A3321-19	WATER	06/25/09	06/26/09		06/30/09
A3321-20	WATER	06/25/09	06/26/09		06/30/09

* Details For Test :VOC-TCLVOA-10

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
A3321-01	Water	8260	OLM04.3		
A3321-02	Water	8260	OLM04.3		
A3321-03	Water	8260	OLM04.3		
A3321-04	Water	8260	OLM04.3		
A3321-05	Water	8260	OLM04.3		
A3321-06	Water	8260	OLM04.3		
A3321-07	Water	8260	OLM04.3		
A3321-08	Water	8260	OLM04.3		
A3321-09	Water	8260	OLM04.3		
A3321-10	Water	8260	OLM04.3		
A3321-11	Water	8260	OLM04.3		
A3321-12	Water	8260	OLM04.3		
A3321-13	Water	8260	OLM04.3		
A3321-14	Water	8260	OLM04.3		
A3321-15	Water	8260	OLM04.3		
A3321-16	Water	8260	OLM04.3		
A3321-17	Water	8260	OLM04.3		
A3321-18	Water	8260	OLM04.3		
A3321-19	Water	8260	OLM04.3		
A3321-20	Water	8260	OLM04.3		

CHEMTECH
284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : A3321

Project ID : DEC Gladding Cordage

Client : Malcolm Pirnie, Inc.

Lab Sample Number	Client Sample Number
A3321-01	TW-5D
A3321-02	TW-7S
A3321-03	TW-7I
A3321-04	TW-7D
A3321-05	TW-9D
A3321-06	TW-9I
A3321-07	TW-10D
A3321-08	TW-6S
A3321-09	TW-11
A3321-10	TW-6I
A3321-11	TW-15
A3321-12	TW-1
A3321-13	TW-2I
A3321-14	TW-2S
A3321-15	TW-2D
A3321-16	TW-3I
A3321-17	TW-3S
A3321-18	TW-3D
A3321-19	TW-5S
A3321-20	TW-5I

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH

CASE NARRATIVE

Malcolm Pirnie, Inc.
Project Name: DEC Gladding Cordage
Project # N/A
Chemtech Project # A3321

A. Number of Samples and Date of Receipt:
20 Water samples were received on 6/26/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: and TCL Volatiles + 10. This data package contains results for TCL Volatiles + 10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA G were done using GC column RTX-VMS which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.The analysis performed on instrument MSVOA D were done using GC column RTX-VMS which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for TW-7S, TW-7SRE, TW-9I, TW-9IRE, TW-11, TW-11RE, TW-15, TW-15RE, TW-1, TW-1RE, TW-2I, TW-2IRE, TW-2S, TW-2SRE, TW-5I and TW-5IRE.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except for Methyl Acetate and Benzene.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria except for Chloroethane, Methyl Acetate and Benzene.
The Blank Spike met requirements for all samples except for Trichlorofluoromethane, Dichlorodifluoromethane, 1,1,2,2-Tetrachloroethane, Chloromethane, Vinyl Chloride, Bromomethane, Chloroethane, 1,1,1-Trichloroethane, Bromodichloromethane, t-1,3-Dichloropropene, Ethyl Benzene and Isopropylbenzene.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
The Continuing Calibration met the requirements except for Chloromethane, Bromomethane, Trichlorofluoromethane, 1,2-Dichloroethane, Dibromochloromethane

Ethyl Benzene, 4-Methyl-2-Pentanone, t-1,3-Dichloropropene, Bromoform and 1,2-Dibromo-3-Chloropropane.
Please use %D calculated based on AvgRF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5D	SDG No.:	A3321
Lab Sample ID:	A3321-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019933.D	1		07/02/09	VG070209

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	20		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	32		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5D	SDG No.:	A3321
Lab Sample ID:	A3321-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019933.D	1		07/02/09	VG070209

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.15		122%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.77		116%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	51.41		103%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	58.01		116%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1302320	3.76			
540-36-3	1,4-Difluorobenzene	2021710	4.51			
3114-55-4	Chlorobenzene-d5	2023930	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	1065920	13.13			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	5.0	J	2.04		ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7S	SDG No.:	A3321
Lab Sample ID:	A3321-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019829.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	22		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	7.8		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7S	SDG No.:	A3321
Lab Sample ID:	A3321-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019829.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	90.06	*	180%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	64.12	*	128%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	47.95		96%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	51.66		103%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	925074	3.78			
540-36-3	1,4-Difluorobenzene	1743290	4.53			
3114-55-4	Chlorobenzene-d5	1709110	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	770953	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7SRE	SDG No.:	A3321
Lab Sample ID:	A3321-02RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019874.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	44		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	7.7		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7SRE	SDG No.:	A3321
Lab Sample ID:	A3321-02RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019874.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	147.62	*	295%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	86.76	*	174%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	43.76		88%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	38.71	*	77%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	482088	3.76			
540-36-3	1,4-Difluorobenzene	1062440	4.51			
3114-55-4	Chlorobenzene-d5	846683	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	301735	13.12			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7I	SDG No.:	A3321
Lab Sample ID:	A3321-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019812.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	15		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7I	SDG No.:	A3321
Lab Sample ID:	A3321-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019812.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.76		108%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	54.27		109%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.18		100%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		100%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1774570	3.77			
540-36-3	1,4-Difluorobenzene	2763290	4.52			
3114-55-4	Chlorobenzene-d5	2717110	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1423520	13.14			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	4.1	J	2.04		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7D	SDG No.:	A3321
Lab Sample ID:	A3321-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019830.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	17		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	9.1		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-7D	SDG No.:	A3321
Lab Sample ID:	A3321-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019830.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.84		126%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	58.94		118%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	51.73		103%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	56.66		113%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1449960	3.77			
540-36-3	1,4-Difluorobenzene	2277100	4.53			
3114-55-4	Chlorobenzene-d5	2246850	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1222970	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-9D	SDG No.:	A3321
Lab Sample ID:	A3321-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019831.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	9.1		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-9D	SDG No.:	A3321
Lab Sample ID:	A3321-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019831.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.66		131%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.12		114%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.64		101%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		107%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1277890	3.77			
540-36-3	1,4-Difluorobenzene	2100840	4.52			
3114-55-4	Chlorobenzene-d5	2035860	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1084410	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-9I	SDG No.:	A3321
Lab Sample ID:	A3321-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019832.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	17		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	5.5		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-9I	SDG No.:	A3321
Lab Sample ID:	A3321-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019832.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	68.84	*	138%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	59.02		118%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	52		104%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	57.35		115%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1124260	3.77			
540-36-3	1,4-Difluorobenzene	1878140	4.52			
3114-55-4	Chlorobenzene-d5	1867990	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	962678	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-9IRE	SDG No.:	A3321
Lab Sample ID:	A3321-06RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019875.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	26		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	4.9		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-9IRE	SDG No.:	A3321
Lab Sample ID:	A3321-06RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019875.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	94.04	*	188%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	65.6	*	131%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.5		99%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	51.12		102%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	832414	3.77			
540-36-3	1,4-Difluorobenzene	1654120	4.51			
3114-55-4	Chlorobenzene-d5	1554890	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	731859	13.12			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-10D	SDG No.:	A3321
Lab Sample ID:	A3321-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019833.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	19		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.53	J	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-10D	SDG No.:	A3321
Lab Sample ID:	A3321-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019833.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	66.66		133%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.39		115%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	52.21		104%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	56.51		113%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1285140	3.76			
540-36-3	1,4-Difluorobenzene	2035560	4.51			
3114-55-4	Chlorobenzene-d5	2038400	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1036850	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-6S	SDG No.:	A3321
Lab Sample ID:	A3321-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024997.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	11		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	1		1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-6S	SDG No.:	A3321
Lab Sample ID:	A3321-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024997.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.57		123%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.21		114%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.74		99%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	40.21		80%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1023020	3.35			
540-36-3	1,4-Difluorobenzene	1613550	4			
3114-55-4	Chlorobenzene-d5	1225760	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	592233	8.87			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	6.8	J	1.96		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-11	SDG No.:	A3321
Lab Sample ID:	A3321-09	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024996.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	11		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.99	J	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-11	SDG No.:	A3321
Lab Sample ID:	A3321-09	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024996.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.59		121%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	56.56		113%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	47.86		96%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	39.65	*	79%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1128280	3.34			
540-36-3	1,4-Difluorobenzene	1752590	3.97			
3114-55-4	Chlorobenzene-d5	1323280	7.22			
3855-82-1	1,4-Dichlorobenzene-d4	632192	8.86			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	7.1	J	1.94		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-11RE	SDG No.:	A3321
Lab Sample ID:	A3321-09RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019835.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	30		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	1.7		1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-11RE	SDG No.:	A3321
Lab Sample ID:	A3321-09RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019835.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	119.59	*	239%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	72.64	*	145%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	46.17		92%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	48.92		98%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	727298	3.76			
540-36-3	1,4-Difluorobenzene	1472640	4.52			
3114-55-4	Chlorobenzene-d5	1300100	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	554238	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-6I	SDG No.:	A3321
Lab Sample ID:	A3321-10	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025001.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	11		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-6I	SDG No.:	A3321
Lab Sample ID:	A3321-10	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025001.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.92		128%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	59.07		118%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	51.71		103%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	40.51		81%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	999453	3.36			
540-36-3	1,4-Difluorobenzene	1559710	3.99			
3114-55-4	Chlorobenzene-d5	1219900	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	578327	8.88			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	5.3	J	1.97		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-15	SDG No.:	A3321
Lab Sample ID:	A3321-11	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025002.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	1.8		1	0.47	ug/L
67-64-1	Acetone	9.7		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	3.4		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	95		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-15	SDG No.:	A3321
Lab Sample ID:	A3321-11	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025002.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.31		129%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	58.49		117%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.42		99%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	39.73	*	79%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1063870	3.36			
540-36-3	1,4-Difluorobenzene	1689820	3.99			
3114-55-4	Chlorobenzene-d5	1303260	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	647215	8.86			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	3.3	J	1.95		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-15RE	SDG No.:	A3321
Lab Sample ID:	A3321-11RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019836.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	2.3		1	0.47	ug/L
67-64-1	Acetone	21		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	5.3		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	120		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-15RE	SDG No.:	A3321
Lab Sample ID:	A3321-11RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019836.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	91.66	*	183%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	64.15	*	128%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	51.7		103%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	59.13		118%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	936477	3.77			
540-36-3	1,4-Difluorobenzene	1769380	4.52			
3114-55-4	Chlorobenzene-d5	1822330	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	886783	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-1	SDG No.:	A3321
Lab Sample ID:	A3321-12	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024999.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	10		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-1	SDG No.:	A3321
Lab Sample ID:	A3321-12	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024999.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.43		131%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	58.02		116%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.35		99%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	39.66	*	79%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1061670	3.35			
540-36-3	1,4-Difluorobenzene	1720670	3.99			
3114-55-4	Chlorobenzene-d5	1315850	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	620272	8.87			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-1RE	SDG No.:	A3321
Lab Sample ID:	A3321-12RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019837.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	18		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-1RE	SDG No.:	A3321
Lab Sample ID:	A3321-12RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019837.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	92.26	*	185%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	64.14	*	128%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	51.92		104%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	52.62		105%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	953892	3.76			
540-36-3	1,4-Difluorobenzene	1778250	4.51			
3114-55-4	Chlorobenzene-d5	1704740	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	769119	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2I	SDG No.:	A3321
Lab Sample ID:	A3321-13	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024998.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	9.5		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	1.4		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2I	SDG No.:	A3321
Lab Sample ID:	A3321-13	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD024998.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.52		123%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	56.21		112%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	48.96		98%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	38.97	*	78%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1150850	3.35			
540-36-3	1,4-Difluorobenzene	1817190	3.99			
3114-55-4	Chlorobenzene-d5	1387130	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	656192	8.86			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2IRE	SDG No.:	A3321
Lab Sample ID:	A3321-13RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019838.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	28		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	2		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2IRE	SDG No.:	A3321
Lab Sample ID:	A3321-13RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019838.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	92.8	*	186%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	67.64	*	135%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	51.29		103%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	57		114%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	960485	3.76			
540-36-3	1,4-Difluorobenzene	1757860	4.51			
3114-55-4	Chlorobenzene-d5	1783090	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	877689	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2S	SDG No.:	A3321
Lab Sample ID:	A3321-14	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025000.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	11		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2S	SDG No.:	A3321
Lab Sample ID:	A3321-14	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025000.D	1		06/29/09	vd062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.43		129%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	58.33		117%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.15		100%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	39.41	*	79%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	947997	3.36			
540-36-3	1,4-Difluorobenzene	1512610	3.99			
3114-55-4	Chlorobenzene-d5	1129160	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	525705	8.87			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2SRE	SDG No.:	A3321
Lab Sample ID:	A3321-14RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019839.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	19		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2SRE	SDG No.:	A3321
Lab Sample ID:	A3321-14RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019839.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	94.57	*	189%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	69.84	*	140%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	53.95		108%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	61.41	*	123%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	827464	3.77			
540-36-3	1,4-Difluorobenzene	1512890	4.52			
3114-55-4	Chlorobenzene-d5	1554790	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	745709	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2D	SDG No.:	A3321
Lab Sample ID:	A3321-15	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019813.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	19		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-2D	SDG No.:	A3321
Lab Sample ID:	A3321-15	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019813.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.12		112%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.2		114%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.47		101%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	52.31		105%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1643430	3.77			
540-36-3	1,4-Difluorobenzene	2654140	4.51			
3114-55-4	Chlorobenzene-d5	2600340	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1357940	13.14			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	3.3	J	2.04		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-3I	SDG No.:	A3321
Lab Sample ID:	A3321-16	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019814.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	16		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-3I	SDG No.:	A3321
Lab Sample ID:	A3321-16	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019814.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.27		113%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	55.72		111%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.44		101%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		106%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1519910	3.78			
540-36-3	1,4-Difluorobenzene	2467560	4.53			
3114-55-4	Chlorobenzene-d5	2299770	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1233960	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-3S	SDG No.:	A3321
Lab Sample ID:	A3321-17	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019815.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	13		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-3S	SDG No.:	A3321
Lab Sample ID:	A3321-17	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019815.D	1		06/30/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.73		115%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	56.16		112%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	51.14		102%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	52.09		104%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1587220	3.77			
540-36-3	1,4-Difluorobenzene	2514390	4.52			
3114-55-4	Chlorobenzene-d5	2463220	9.44			
3855-82-1	1,4-Dichlorobenzene-d4	1274060	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-3D	SDG No.:	A3321
Lab Sample ID:	A3321-18	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019816.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	11		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	1.4		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-3D	SDG No.:	A3321
Lab Sample ID:	A3321-18	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019816.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.69		119%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.32		115%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.91		100%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	52.18		104%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1558670	3.78			
540-36-3	1,4-Difluorobenzene	2483900	4.54			
3114-55-4	Chlorobenzene-d5	2285520	9.44			
3855-82-1	1,4-Dichlorobenzene-d4	1206580	13.15			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5S	SDG No.:	A3321
Lab Sample ID:	A3321-19	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019817.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	9.2		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.48	J	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	13		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5S	SDG No.:	A3321
Lab Sample ID:	A3321-19	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019817.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.52		127%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.75		116%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.86		102%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	54.89		110%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1394730	3.78			
540-36-3	1,4-Difluorobenzene	2290030	4.53			
3114-55-4	Chlorobenzene-d5	2218010	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1119960	13.14			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	4.2	J	2.04		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5I	SDG No.:	A3321
Lab Sample ID:	A3321-20	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019834.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	13		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	3.5		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	90		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5I	SDG No.:	A3321
Lab Sample ID:	A3321-20	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019834.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	68.41	*	137%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	55.35		111%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.98		102%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	55.18		110%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1242170	3.77			
540-36-3	1,4-Difluorobenzene	2080230	4.52			
3114-55-4	Chlorobenzene-d5	1991420	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1053450	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5IRE	SDG No.:	A3321
Lab Sample ID:	A3321-20RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019876.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	14		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	3.8		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	83		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-5IRE	SDG No.:	A3321
Lab Sample ID:	A3321-20RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019876.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	78.48	*	157%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	61.74	*	123%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.81		102%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	49.73		99%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1101480	3.76			
540-36-3	1,4-Difluorobenzene	1970280	4.51			
3114-55-4	Chlorobenzene-d5	1920140	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	868909	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Hit Summary Sheet
SW-846

SDG No.: A3321

Client: Malcolm Pirnie, Inc.

Sample ID	Client ID		Parameter		Concentration	C	RDL	MDL	Units
Client ID:	**TW-1**								
A3321-12	TW-1	WATER	Acetone		10.00		5.0	2.8	ug/L
			Total Voc :			**10.00**			
			Total Concentration:			**10.00**			
Client ID:	**TW-10D**								
A3321-07	TW-10D	WATER	Acetone		19.00		5.0	2.8	ug/L
A3321-07	TW-10D	WATER	1,1,1-Trichloroethane		0.53	J	1.0	0.40	ug/L
			Total Voc :			**19.53**			
			Total Concentration:			**19.53**			
Client ID:	**TW-11**								
A3321-09	TW-11	WATER	Acetone		11.00		5.0	2.8	ug/L
A3321-09	TW-11	WATER	Chloroform		0.99	J	1.0	0.34	ug/L
			Total Voc :			**11.99**			
A3321-09	TW-11	WATER	Tert butyl alcohol	*	7.10	J	5.0	2.6	ug/L
			Total Tics :			**7.10**			
			Total Concentration:			**19.09**			
Client ID:	**TW-11RE**								
A3321-09RE	TW-11RE	WATER	Acetone		30.00		5.0	2.8	ug/L
A3321-09RE	TW-11RE	WATER	Chloroform		1.70		1.0	0.34	ug/L
			Total Voc :			**31.70**			
			Total Concentration:			**31.70**			
Client ID:	**TW-15**								
A3321-11	TW-15	WATER	1,1-Dichloroethene		1.80		1.0	0.47	ug/L
A3321-11	TW-15	WATER	Acetone		9.70		5.0	2.8	ug/L
A3321-11	TW-15	WATER	1,1-Dichloroethane		3.40		1.0	0.36	ug/L
A3321-11	TW-15	WATER	1,1,1-Trichloroethane		95.00		1.0	0.40	ug/L
			Total Voc :			**109.90**			
A3321-11	TW-15	WATER	Tert butyl alcohol	*	3.30	J	5.0	2.6	ug/L
			Total Tics :			**3.30**			
			Total Concentration:			**113.20**			
Client ID:	**TW-15RE**								
A3321-11RE	TW-15RE	WATER	1,1-Dichloroethene		2.30		1.0	0.47	ug/L
A3321-11RE	TW-15RE	WATER	Acetone		21.00		5.0	2.8	ug/L
A3321-11RE	TW-15RE	WATER	1,1-Dichloroethane		5.30		1.0	0.36	ug/L
A3321-11RE	TW-15RE	WATER	1,1,1-Trichloroethane		120.00		1.0	0.40	ug/L
			Total Voc :			**148.60**			
			Total Concentration:			**148.60**			
Client ID:	**TW-1RE**								
A3321-12RE	TW-1RE	WATER	Acetone		18.00		5.0	2.8	ug/L
			Total Voc :			**18.00**			
			Total Concentration:			**18.00**			
Client ID:	**TW-2D**								

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Hit Summary Sheet
SW-846

SDG No.: A3321

Client: Malcolm Pirnie, Inc.

Sample ID	Client ID		Parameter		Concentration	C	RDL	MDL	Units
A3321-15	TW-2D	WATER	Acetone		19.00		5.0	2.8	ug/L
			Total Voc :			**19.00**			
A3321-15	TW-2D	WATER	Tert butyl alcohol	*	3.30	J	5.0	2.6	ug/L
			Total Tics :			**3.30**			
			Total Concentration:			**22.30**			
Client ID:	**TW-2I**								
A3321-13	TW-2I	WATER	Acetone		9.50		5.0	2.8	ug/L
A3321-13	TW-2I	WATER	1,1,1-Trichloroethane		1.40		1.0	0.40	ug/L
			Total Voc :			**10.90**			
			Total Concentration:			**10.90**			
Client ID:	**TW-2IRE**								
A3321-13RE	TW-2IRE	WATER	Acetone		28.00		5.0	2.8	ug/L
A3321-13RE	TW-2IRE	WATER	1,1,1-Trichloroethane		2.00		1.0	0.40	ug/L
			Total Voc :			**30.00**			
			Total Concentration:			**30.00**			
Client ID:	**TW-2S**								
A3321-14	TW-2S	WATER	Acetone		11.00		5.0	2.8	ug/L
			Total Voc :			**11.00**			
			Total Concentration:			**11.00**			
Client ID:	**TW-2SRE**								
A3321-14RE	TW-2SRE	WATER	Acetone		19.00		5.0	2.8	ug/L
			Total Voc :			**19.00**			
			Total Concentration:			**19.00**			
Client ID:	**TW-3D**								
A3321-18	TW-3D	WATER	Acetone		11.00		5.0	2.8	ug/L
A3321-18	TW-3D	WATER	1,1,1-Trichloroethane		1.40		1.0	0.40	ug/L
			Total Voc :			**12.40**			
			Total Concentration:			**12.40**			
Client ID:	**TW-3I**								
A3321-16	TW-3I	WATER	Acetone		16.00		5.0	2.8	ug/L
			Total Voc :			**16.00**			
			Total Concentration:			**16.00**			
Client ID:	**TW-3S**								
A3321-17	TW-3S	WATER	Acetone		13.00		5.0	2.8	ug/L
			Total Voc :			**13.00**			
			Total Concentration:			**13.00**			
Client ID:	**TW-5D**								
A3321-01	TW-5D	WATER	Acetone		20.00		5.0	2.8	ug/L
A3321-01	TW-5D	WATER	1,1,1-Trichloroethane		32.00		1.0	0.40	ug/L
			Total Voc :			**52.00**			
A3321-01	TW-5D	WATER	Tert butyl alcohol	*	5.00	J	5.0	2.6	ug/L
			Total Tics :			**5.00**			
			Total Concentration:			**57.00**			

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Hit Summary Sheet
SW-846

SDG No.: A3321

Client: Malcolm Pirnie, Inc.

Sample ID	Client ID		Parameter		Concentration	C	RDL	MDL	Units
Client ID:	**TW-5I**								
A3321-20	TW-5I	WATER	Acetone		13.00		5.0	2.8	ug/L
A3321-20	TW-5I	WATER	1,1-Dichloroethane		3.50		1.0	0.36	ug/L
A3321-20	TW-5I	WATER	1,1,1-Trichloroethane		90.00		1.0	0.40	ug/L
			Total Voc :			**106.50**			
			Total Concentration:			**106.50**			
Client ID:	**TW-5IRE**								
A3321-20RE	TW-5IRE	WATER	Acetone		14.00		5.0	2.8	ug/L
A3321-20RE	TW-5IRE	WATER	1,1-Dichloroethane		3.80		1.0	0.36	ug/L
A3321-20RE	TW-5IRE	WATER	1,1,1-Trichloroethane		83.00		1.0	0.40	ug/L
			Total Voc :			**100.80**			
			Total Concentration:			**100.80**			
Client ID:	**TW-5S**								
A3321-19	TW-5S	WATER	Acetone		9.20		5.0	2.8	ug/L
A3321-19	TW-5S	WATER	1,1-Dichloroethane		0.48	J	1.0	0.36	ug/L
A3321-19	TW-5S	WATER	1,1,1-Trichloroethane		13.00		1.0	0.40	ug/L
			Total Voc :			**22.68**			
A3321-19	TW-5S	WATER	Tert butyl alcohol	*	4.20	J	5.0	2.6	ug/L
			Total Tics :			**4.20**			
			Total Concentration:			**26.88**			
Client ID:	**TW-6I**								
A3321-10	TW-6I	WATER	Acetone		11.00		5.0	2.8	ug/L
			Total Voc :			**11.00**			
A3321-10	TW-6I	WATER	Tert butyl alcohol	*	5.30	J	5.0	2.6	ug/L
			Total Tics :			**5.30**			
			Total Concentration:			**16.30**			
Client ID:	**TW-6S**								
A3321-08	TW-6S	WATER	Acetone		11.00		5.0	2.8	ug/L
A3321-08	TW-6S	WATER	Chloroform		1.00		1.0	0.34	ug/L
			Total Voc :			**12.00**			
A3321-08	TW-6S	WATER	Tert butyl alcohol	*	6.80	J	5.0	2.6	ug/L
			Total Tics :			**6.80**			
			Total Concentration:			**18.80**			
Client ID:	**TW-7D**								
A3321-04	TW-7D	WATER	Acetone		17.00		5.0	2.8	ug/L
A3321-04	TW-7D	WATER	1,1,1-Trichloroethane		9.10		1.0	0.40	ug/L
			Total Voc :			**26.10**			
			Total Concentration:			**26.10**			
Client ID:	**TW-7I**								
A3321-03	TW-7I	WATER	Acetone		15.00		5.0	2.8	ug/L
			Total Voc :			**15.00**			
A3321-03	TW-7I	WATER	Tert butyl alcohol	*	4.10	J	5.0	2.6	ug/L

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3321

Client: Malcolm Pirnie, Inc.

Sample ID	Client ID		Parameter	Concentration	C	RDL	MDL	Units
			Total Tics :		**4.10**			
			Total Concentration:		**19.10**			
Client ID:	**TW-7S**							
A3321-02	TW-7S	WATER	Acetone	22.00		5.0	2.8	ug/L
A3321-02	TW-7S	WATER	1,1,1-Trichloroethane	7.80		1.0	0.40	ug/L
			Total Voc :		**29.80**			
			Total Concentration:		**29.80**			
Client ID:	**TW-7SRE**							
A3321-02RE	TW-7SRE	WATER	Acetone	44.00		5.0	2.8	ug/L
A3321-02RE	TW-7SRE	WATER	1,1,1-Trichloroethane	7.70		1.0	0.40	ug/L
			Total Voc :		**51.70**			
			Total Concentration:		**51.70**			
Client ID:	**TW-9D**							
A3321-05	TW-9D	WATER	Acetone	9.10		5.0	2.8	ug/L
			Total Voc :		**9.10**			
			Total Concentration:		**9.10**			
Client ID:	**TW-9I**							
A3321-06	TW-9I	WATER	Acetone	17.00		5.0	2.8	ug/L
A3321-06	TW-9I	WATER	1,1,1-Trichloroethane	5.50		1.0	0.40	ug/L
			Total Voc :		**22.50**			
			Total Concentration:		**22.50**			
Client ID:	**TW-9IRE**							
A3321-06RE	TW-9IRE	WATER	Acetone	26.00		5.0	2.8	ug/L
A3321-06RE	TW-9IRE	WATER	1,1,1-Trichloroethane	4.90		1.0	0.40	ug/L
			Total Voc :		**30.90**			
			Total Concentration:		**30.90**			

ANALYTICAL RESULTS
SUMMARY

PROJECT NAME : DEC GLADDING CORDAGE

MALCOLM PIRNIE, INC.

855 Route 146, Suite 210

Clifton Park , NY - 12065

Phone No: 5182507300

ORDER ID : **A3322**

ATTENTION : **Jeremy Wyckoff**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
TW-6D	A3322-01	8260					
TW-4I	A3322-02	8260					
TW-14S	A3322-03	8260					
TW-14D	A3322-04	8260					
TW-14I	A3322-05	8260					
TW-12D	A3322-06	8260					
TW-12I	A3322-07	8260					
RW-1	A3322-08	8260					
RW-2	A3322-09	8260					
EFF(44HZ)	A3322-10	8260					
TRIPBLANK	A3322-11	8260					

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
A3322-01	WATER	06/25/09	06/26/09		06/29/09
A3322-02	WATER	06/25/09	06/26/09		06/29/09
A3322-03	WATER	06/25/09	06/26/09		06/29/09
A3322-04	WATER	06/25/09	06/26/09		06/30/09
A3322-05	WATER	06/25/09	06/26/09		06/30/09
A3322-06	WATER	06/25/09	06/26/09		07/01/09
A3322-07	WATER	06/25/09	06/26/09		07/01/09
A3322-08	WATER	06/25/09	06/26/09		07/01/09
A3322-09	WATER	06/25/09	06/26/09		07/01/09
A3322-10	WATER	06/25/09	06/26/09		07/01/09
A3322-11	WATER	06/25/09	06/26/09		06/30/09

* Details For Test :VOC-TCLVOA-10

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
A3322-01	Water	8260	5030		
A3322-02	Water	8260	5030		
A3322-03	Water	8260	5030		
A3322-04	Water	8260	5030		
A3322-05	Water	8260	5030		
A3322-06	Water	8260	5030		
A3322-07	Water	8260	5030		
A3322-08	Water	8260	5030		
A3322-09	Water	8260	5030		
A3322-10	Water	8260	5030		
A3322-11	Water	8260	5030		

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284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Cover Page

Order ID : A3322

Project ID : DEC Gladding Cordage

Client : Malcolm Pirnie, Inc.

Lab Sample Number	Client Sample Number
A3322-01	TW-6D
A3322-02	TW-4I
A3322-03	TW-14S
A3322-04	TW-14D
A3322-05	TW-14I
A3322-06	TW-12D
A3322-07	TW-12I
A3322-08	RW-1
A3322-09	RW-2
A3322-10	EFF(44HZ)
A3322-11	TRIPBLANK

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

CHEMTECH

CASE NARRATIVE

Malcolm Pirnie, Inc.
Project Name: DEC Gladding Cordage
Project # N/A
Chemtech Project # A3322

A. Number of Samples and Date of Receipt:
11 Water samples were received on 6/26/09.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA G were done using GC column RTX-VMS which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.The analysis performed on instrument MSVOA D were done using GC column RTX-VMS which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #49914. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator. The method of analysis was 8260.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for TW-12D, TW-12DRE, TW-12I, TW-12IRE, EFF(44HZ) and EFF(44HZ)RE.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except for Methyl Acetate and Benzene.
The MSD recoveries met the acceptable requirements.
The RPD recoveries met criteria except for Chloroethane, Methyl Acetate and Benzene.
The Blank Spike met requirements for all samples except for Bromomethane, Chloroform, 1,1,1-Trichloroethane, Dichlorodifluoromethane and 1,1,2,2-Tetrachloroethane.
The Blank analysis did not indicate the presence of lab contamination.
The %RSD for Acetone in the Initial calibration (method 82D070109W.M), was greater than 15% but less than 20%.The compound is passing on linear regression but were kept on Average response factor because its plot were intercepting on ‘y-axis’.
The Calibration met the requirements except for Chloromethane, Bromomethane, Trichlorofluoromethane, 1,2-Dichloroethane, Dibromochloromethane, Chloroethane and 2-Hexanone. Samples did not have hit for these compounds
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on AvgRF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration Curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-6D	SDG No.:	A3322
Lab Sample ID:	A3322-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019793.D	1		06/29/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	21		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	1		1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-6D	SDG No.:	A3322
Lab Sample ID:	A3322-01	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019793.D	1		06/29/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.29		113%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	53.13		106%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	48.88		98%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	51.08		102%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1211370	3.78			
540-36-3	1,4-Difluorobenzene	2064490	4.52			
3114-55-4	Chlorobenzene-d5	1998140	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1011880	13.14			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	6.9	J	2.04		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-4I	SDG No.:	A3322
Lab Sample ID:	A3322-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019794.D	1		06/29/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	16		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	3.8		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-4I	SDG No.:	A3322
Lab Sample ID:	A3322-02	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019794.D	1		06/29/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.36		107%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	53.76		108%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.15		98%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	48.83		98%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1513580	3.77			
540-36-3	1,4-Difluorobenzene	2539640	4.52			
3114-55-4	Chlorobenzene-d5	2483590	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1233200	13.14			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	6.4	J	2.05		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-14S	SDG No.:	A3322
Lab Sample ID:	A3322-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019795.D	1		06/29/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	14		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	1.2		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-14S	SDG No.:	A3322
Lab Sample ID:	A3322-03	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019795.D	1		06/29/09	vg062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.16		116%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	55.02		110%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	47.67		95%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	49.64		99%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1597250	3.77			
540-36-3	1,4-Difluorobenzene	2730770	4.52			
3114-55-4	Chlorobenzene-d5	2576240	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1316780	13.14			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	5.2	J	2.04		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-14D	SDG No.:	A3322
Lab Sample ID:	A3322-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019805.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	15		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-14D	SDG No.:	A3322
Lab Sample ID:	A3322-04	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019805.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.2		118%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	54.74		109%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	48.06		96%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	48.34		97%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1366700	3.78			
540-36-3	1,4-Difluorobenzene	2408600	4.52			
3114-55-4	Chlorobenzene-d5	2246890	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1143660	13.13			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	5.1	J	2.04		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-14I	SDG No.:	A3322
Lab Sample ID:	A3322-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019806.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	13		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	3.2		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	83		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-14I	SDG No.:	A3322
Lab Sample ID:	A3322-05	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019806.D	1		06/30/09	VG062909

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.39		113%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	54.11		108%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	48.74		97%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	51.39		103%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1741360	3.76			
540-36-3	1,4-Difluorobenzene	2733000	4.51			
3114-55-4	Chlorobenzene-d5	2621560	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1374060	13.14			
TENTITIVE IDENTIFIED COMPOUNDS						
75-65-0	Tert butyl alcohol	4.4	J	2.04		ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12D	SDG No.:	A3322
Lab Sample ID:	A3322-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019855.D	1		07/01/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	14		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12D	SDG No.:	A3322
Lab Sample ID:	A3322-06	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019855.D	1		07/01/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	68.79	*	138%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	57.22		114%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.97		102%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		111%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1206110	3.78			
540-36-3	1,4-Difluorobenzene	2015200	4.52			
3114-55-4	Chlorobenzene-d5	2069680	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1055740	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12DRE	SDG No.:	A3322
Lab Sample ID:	A3322-06RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019877.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	15		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12DRE	SDG No.:	A3322
Lab Sample ID:	A3322-06RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019877.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	76.86	*	154%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	59.43		119%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	52.39		105%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	54.87		110%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1185130	3.76			
540-36-3	1,4-Difluorobenzene	2167610	4.51			
3114-55-4	Chlorobenzene-d5	2177610	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	1052450	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12I	SDG No.:	A3322
Lab Sample ID:	A3322-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019856.D	1		07/01/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	10		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12I	SDG No.:	A3322
Lab Sample ID:	A3322-07	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019856.D	1		07/01/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	71.1	*	142%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	58.94		118%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	53.83		108%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	60.92	*	122%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1168820	3.77			
540-36-3	1,4-Difluorobenzene	1890420	4.52			
3114-55-4	Chlorobenzene-d5	1922130	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	1007690	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12IRE	SDG No.:	A3322
Lab Sample ID:	A3322-07RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019878.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	14		5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TW-12IRE	SDG No.:	A3322
Lab Sample ID:	A3322-07RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019878.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	79.35	*	159%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	60.49		121%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.74		99%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	58.64		117%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1160950	3.76			
540-36-3	1,4-Difluorobenzene	2091480	4.52			
3114-55-4	Chlorobenzene-d5	2136000	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	1106920	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	RW-1	SDG No.:	A3322
Lab Sample ID:	A3322-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025035.D	1		07/01/09	vd070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	1.6		1	0.47	ug/L
67-64-1	Acetone	2.8	U	5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	2.4		1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	56		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	RW-1	SDG No.:	A3322
Lab Sample ID:	A3322-08	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025035.D	1		07/01/09	vd070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.72		101%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	53.17		106%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	48.92		98%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	49.63		99%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	671340	3.36			
540-36-3	1,4-Difluorobenzene	1020470	3.99			
3114-55-4	Chlorobenzene-d5	1171760	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	627529	8.87			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	RW-2	SDG No.:	A3322
Lab Sample ID:	A3322-09	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025036.D	1		07/01/09	vd070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.87	J	1	0.47	ug/L
67-64-1	Acetone	2.8	U	5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.94	J	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	43		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	RW-2	SDG No.:	A3322
Lab Sample ID:	A3322-09	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD025036.D	1		07/01/09	vd070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.53		105%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	52.19		104%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.75		102%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	51.17		102%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	650855	3.36			
540-36-3	1,4-Difluorobenzene	996188	3.99			
3114-55-4	Chlorobenzene-d5	1187270	7.23			
3855-82-1	1,4-Dichlorobenzene-d4	625713	8.87			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	EFF(44HZ)	SDG No.:	A3322
Lab Sample ID:	A3322-10	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019859.D	1		07/01/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	2.8	U	5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	2.1		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	EFF(44HZ)	SDG No.:	A3322
Lab Sample ID:	A3322-10	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019859.D	1		07/01/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	75.07	*	150%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	59		118%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	54.69		109%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	59.93		120%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1011510	3.77			
540-36-3	1,4-Difluorobenzene	1668400	4.53			
3114-55-4	Chlorobenzene-d5	1736470	9.43			
3855-82-1	1,4-Dichlorobenzene-d4	891789	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

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Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	EFF(44HZ)RE	SDG No.:	A3322
Lab Sample ID:	A3322-10RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019879.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	2.8	U	5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	1.9		1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	EFF(44HZ)RE	SDG No.:	A3322
Lab Sample ID:	A3322-10RE	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019879.D	1		07/01/09	VG070109

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	84.44	*	169%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	65.54	*	131%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	49.4		99%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	50.47		101%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	948379	3.76			
540-36-3	1,4-Difluorobenzene	1645840	4.51			
3114-55-4	Chlorobenzene-d5	1598890	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	742410	13.13			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TRIPBLANK	SDG No.:	A3322
Lab Sample ID:	A3322-11	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019827.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.55	U	1	0.55	ug/L
74-87-3	Chloromethane	0.54	U	1	0.54	ug/L
75-01-4	Vinyl Chloride	0.34	U	1	0.34	ug/L
74-83-9	Bromomethane	0.62	U	1	0.62	ug/L
75-00-3	Chloroethane	0.66	U	1	0.66	ug/L
75-69-4	Trichlorofluoromethane	0.35	U	1	0.35	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.45	U	1	0.45	ug/L
75-35-4	1,1-Dichloroethene	0.47	U	1	0.47	ug/L
67-64-1	Acetone	2.8	U	5	2.8	ug/L
75-15-0	Carbon Disulfide	0.54	U	1	0.54	ug/L
1634-04-4	Methyl tert-butyl Ether	0.35	U	1	0.35	ug/L
79-20-9	Methyl Acetate	0.83	U	1	0.83	ug/L
75-09-2	Methylene Chloride	0.41	U	1	0.41	ug/L
156-60-5	trans-1,2-Dichloroethene	0.41	U	1	0.41	ug/L
75-34-3	1,1-Dichloroethane	0.36	U	1	0.36	ug/L
110-82-7	Cyclohexane	0.55	U	1	0.55	ug/L
78-93-3	2-Butanone	1.3	U	5	1.3	ug/L
56-23-5	Carbon Tetrachloride	0.62	U	1	0.62	ug/L
156-59-2	cis-1,2-Dichloroethene	0.35	U	1	0.35	ug/L
67-66-3	Chloroform	0.34	U	1	0.34	ug/L
71-55-6	1,1,1-Trichloroethane	0.4	U	1	0.4	ug/L
108-87-2	Methylcyclohexane	0.68	U	1	0.68	ug/L
71-43-2	Benzene	0.32	U	1	0.32	ug/L
107-06-2	1,2-Dichloroethane	0.48	U	1	0.48	ug/L
79-01-6	Trichloroethene	0.28	U	1	0.28	ug/L
78-87-5	1,2-Dichloropropane	0.46	U	1	0.46	ug/L
75-27-4	Bromodichloromethane	0.36	U	1	0.36	ug/L
108-10-1	4-Methyl-2-Pentanone	2.1	U	5	2.1	ug/L
108-88-3	Toluene	0.37	U	1	0.37	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	1	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.31	U	1	0.31	ug/L
79-00-5	1,1,2-Trichloroethane	0.38	U	1	0.38	ug/L

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:	Malcolm Pirnie, Inc.	Date Collected:	06/25/09
Project:	DEC Gladding Cordage	Date Received:	06/26/09
Client Sample ID:	TRIPBLANK	SDG No.:	A3322
Lab Sample ID:	A3322-11	Matrix:	WATER
Analytical Method:	SW8260B	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VG019827.D	1		06/30/09	vg063009

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.9	U	5	1.9	ug/L
124-48-1	Dibromochloromethane	0.52	U	1	0.52	ug/L
106-93-4	1,2-Dibromoethane	0.41	U	1	0.41	ug/L
127-18-4	Tetrachloroethene	0.27	U	1	0.27	ug/L
108-90-7	Chlorobenzene	0.49	U	1	0.49	ug/L
100-41-4	Ethyl Benzene	0.53	U	1	0.53	ug/L
179601-23-1	m/p-Xylenes	0.95	U	2	0.95	ug/L
95-47-6	o-Xylene	0.43	U	1	0.43	ug/L
100-42-5	Styrene	0.36	U	1	0.36	ug/L
75-25-2	Bromoform	0.47	U	1	0.47	ug/L
98-82-8	Isopropylbenzene	0.45	U	1	0.45	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.31	U	1	0.31	ug/L
541-73-1	1,3-Dichlorobenzene	0.43	U	1	0.43	ug/L
106-46-7	1,4-Dichlorobenzene	0.32	U	1	0.32	ug/L
95-50-1	1,2-Dichlorobenzene	0.45	U	1	0.45	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	1	0.46	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.62	U	1	0.62	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.72		111%	80 - 136	SPK: 50
1868-53-7	Dibromofluoromethane	56.22		112%	85 - 121	SPK: 50
2037-26-5	Toluene-d8	50.85		102%	85 - 114	SPK: 50
460-00-4	4-Bromofluorobenzene	54		108%	80 - 121	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	1658570	3.76			
540-36-3	1,4-Difluorobenzene	2545730	4.51			
3114-55-4	Chlorobenzene-d5	2433400	9.42			
3855-82-1	1,4-Dichlorobenzene-d4	1279060	13.14			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3322

Client: Malcolm Pirnie, Inc.

Sample ID	Client ID		Parameter		Concentration	C	RDL	MDL	Units
Client ID:	**EFF(44HZ)**								
A3322-10	EFF(44HZ)	WATER	1,1,1-Trichloroethane		2.10		1.0	0.40	ug/L
			Total Voc :			**2.10**			
			Total Concentration:			**2.10**			
Client ID:	**EFF(44HZ)RE**								
A3322-10RE	EFF(44HZ)RE	WATER	1,1,1-Trichloroethane		1.90		1.0	0.40	ug/L
			Total Voc :			**1.90**			
			Total Concentration:			**1.90**			
Client ID:	**RW-1**								
A3322-08	RW-1	WATER	1,1-Dichloroethene		1.60		1.0	0.47	ug/L
A3322-08	RW-1	WATER	1,1-Dichloroethane		2.40		1.0	0.36	ug/L
A3322-08	RW-1	WATER	1,1,1-Trichloroethane		56.00		1.0	0.40	ug/L
			Total Voc :			**60.00**			
			Total Concentration:			**60.00**			
Client ID:	**RW-2**								
A3322-09	RW-2	WATER	1,1-Dichloroethene		0.87	J	1.0	0.47	ug/L
A3322-09	RW-2	WATER	1,1-Dichloroethane		0.94	J	1.0	0.36	ug/L
A3322-09	RW-2	WATER	1,1,1-Trichloroethane		43.00		1.0	0.40	ug/L
			Total Voc :			**44.81**			
			Total Concentration:			**44.81**			
Client ID:	**TW-12D**								
A3322-06	TW-12D	WATER	Acetone		14.00		5.0	2.8	ug/L
			Total Voc :			**14.00**			
			Total Concentration:			**14.00**			
Client ID:	**TW-12DRE**								
A3322-06RE	TW-12DRE	WATER	Acetone		15.00		5.0	2.8	ug/L
			Total Voc :			**15.00**			
			Total Concentration:			**15.00**			
Client ID:	**TW-12I**								
A3322-07	TW-12I	WATER	Acetone		10.00		5.0	2.8	ug/L
			Total Voc :			**10.00**			
			Total Concentration:			**10.00**			
Client ID:	**TW-12IRE**								
A3322-07RE	TW-12IRE	WATER	Acetone		14.00		5.0	2.8	ug/L
			Total Voc :			**14.00**			
			Total Concentration:			**14.00**			
Client ID:	**TW-14D**								
A3322-04	TW-14D	WATER	Acetone		15.00		5.0	2.8	ug/L
			Total Voc :			**15.00**			
A3322-04	TW-14D	WATER	Tert butyl alcohol	*	5.10	J	5.0	2.6	ug/L
			Total Tics :			**5.10**			
			Total Concentration:			**20.10**			
Client ID:	**TW-14I**								

CHEMTECH

Hit Summary Sheet
SW-846

SDG No.: A3322

Client: Malcolm Pirnie, Inc.

Sample ID	Client ID		Parameter		Concentration	C	RDL	MDL	Units
A3322-05	TW-14I	WATER	Acetone		13.00		5.0	2.8	ug/L
A3322-05	TW-14I	WATER	1,1-Dichloroethane		3.20		1.0	0.36	ug/L
A3322-05	TW-14I	WATER	1,1,1-Trichloroethane		83.00		1.0	0.40	ug/L
			Total Voc :			**99.20**			
A3322-05	TW-14I	WATER	Tert butyl alcohol	*	4.40	J	5.0	2.6	ug/L
			Total Tics :			**4.40**			
			Total Concentration:			**103.60**			
Client ID:	**TW-14S**								
A3322-03	TW-14S	WATER	Acetone		14.00		5.0	2.8	ug/L
A3322-03	TW-14S	WATER	1,1-Dichloroethane		1.20		1.0	0.36	ug/L
			Total Voc :			**15.20**			
A3322-03	TW-14S	WATER	Tert butyl alcohol	*	5.20	J	5.0	2.6	ug/L
			Total Tics :			**5.20**			
			Total Concentration:			**20.40**			
Client ID:	**TW-4I**								
A3322-02	TW-4I	WATER	Acetone		16.00		5.0	2.8	ug/L
A3322-02	TW-4I	WATER	1,1-Dichloroethane		3.80		1.0	0.36	ug/L
			Total Voc :			**19.80**			
A3322-02	TW-4I	WATER	Tert butyl alcohol	*	6.40	J	5.0	2.6	ug/L
			Total Tics :			**6.40**			
			Total Concentration:			**26.20**			
Client ID:	**TW-6D**								
A3322-01	TW-6D	WATER	Acetone		21.00		5.0	2.8	ug/L
A3322-01	TW-6D	WATER	Benzene		1.00		1.0	0.32	ug/L
			Total Voc :			**22.00**			
A3322-01	TW-6D	WATER	Tert butyl alcohol	*	6.90	J	5.0	2.6	ug/L
			Total Tics :			**6.90**			
			Total Concentration:			**28.90**			

New York State Department of Environmental Conservation
Gladding Cordage Site - Quarterly Report and Annual Groundwater Monitoring Summary

Appendix C

Generally Acceptable Procedure for Passive Diffusion Bag Samplers

MALCOLM PIRNIE

GENERALLY ACCEPTABLE PROCEDURE

FOR

PASSIVE DIFFUSION BAG SAMPLERS

PURPOSE/APPLICATION

Water-filled passive diffusion bag (PDB) samplers can be an effective, simple and inexpensive alternative to traditional groundwater sampling methods for measuring concentrations of a variety of volatile organic compounds (VOCs) in groundwater.

A typical passive diffusion bag sampler consists of low-density polyethylene lay-flat tube closed at both ends containing deionized water. The samplers operate by chemical diffusion across the semipermeable polyethylene membrane until a chemical equilibrium exists on both sides of the membrane. The samplers may be used individually or in "stacks" (several samplers positioned vertically at target depths) to assess the vertical distribution of VOCs in a well.

ADVANTAGES

- # PDB samplers produce little to no purge water, thus reducing sampling and disposal costs.
- # PDB samplers are relatively inexpensive.
- # PDB samplers are simple to deploy and recover.
- # PDB samplers are dedicated, single use, thus, there is no down-hole equipment to be decontaminated between wells.
- # Sampler deployment and recovery is rapid, making PDB samplers desirable for use where access is a problem or where discretion is necessary (residential communities, business districts, or busy streets).
- # PDB samplers are not affected by turbidity. The pore size of the polyethylene sampler is 10 angstroms or less which prevents sediment from entering the PDB sampler.
- # PDB samplers reduce interference from purge water mixing.
- # PDB samplers typically require less labor compared to traditional purge techniques.

LIMITATIONS

- # PDB samplers are not effective for obtaining representative concentrations of all compounds. Water-filled polyethylene PDB samplers typically do not provide representative concentrations of MTBE (methyl-*tert*-butyl ether), acetone, SVOCs, PCBs, and metals. Factors that limit the ability of compounds to diffuse

through the PDB membrane include molecular size, shape, and any hydrophobic properties of the compounds.

- # PDB samplers typically take about 14 days to reach equilibrium concentrations. This could be a limitation if the goal of the sampling event is to gain a representative sample at a single point in time in an aquifer where VOC concentrations change more rapidly than the samplers equilibrate.
- # In wells containing stratified chemical concentrations, concentrations in a single PDB sampler may not represent the zone with the highest concentration.
- # Because wells sampled with PDB samplers are not purged, information on common field parameters is not obtained.
- # Requires careful placement at known depth for repeatable results.
- # PDB samplers provide only a limited sample volume.
- # PDB samplers are not universally accepted by all regulatory agencies. Consult with regulators before using.

RECOMMENDED EQUIPMENT

- # Polyethylene passive diffusion bags.
- # Deionized water
- # Stainless steel weights
- # Rope/wire with sufficient strength to support the weight and sampler. The rope/wire should be non-elastic (i.e. polyester, nylon, or stainless steel or Teflon coated stainless steel wire).
- # Hooks to secure the rope/wire to the well casing
- # Electronic water level probe
- # Measuring tape
- # Nitrile or Latex protective gloves.

EQUIPMENT DECONTAMINATION

PDB samplers are single-use disposable samplers, thus no decontamination is necessary. To prevent cross-contamination, rope should not be used in more than one well. However, stainless steel weights and coated stainless steel wire can be reused after sufficient decontamination with low phosphate detergent (Alconox or equivalent) and water.

PROCEDURES

Deployment

- # Using the electronic water level probe, measure the depth to water and the total well depth. Compare these measurements with previous measurements from the well and the reported depth of the well screen from the well construction record. This is to check if sediment has accumulated on the bottom of the well and if the well construction records are accurate.

Attach a stainless steel weight to the end of the line. Sufficient weight should be added to overcome the buoyancy of the PDB sampler.
Calculate the distance from the bottom of the well, to the depth where the PDB sampler is to be placed.
At the designated point, secure the PDB sampler to the weighted line using the ring tabs on both ends of the sampler.
Label PDB sampler(s) with well I.D. and depth (if using multiple PDBs in one well).
For relatively short well screens (less than five feet), the center point of the PDB sampler should be suspended at the vertical midpoint of the saturated well-screen length.
For well screens greater than five feet in length, it is suggested to use multiple PDB samplers vertically along the length of the well screen for at least the initial sampling. Multiple samplers are used to determine if contaminant stratification is present and to locate the zone with of highest concentration. The midpoint of each PDB sampler should be positioned at the midpoint of the sample interval.
With PDB sampler(s) attached, lower the weighted line to the bottom of the well. The weighted line should be taut when the PDB sampler(s) is at the target depth(s).
Secure the assembly in place. Attach the weighted line with a hook to the well riser or well cap. The well should be covered to prevent surface water infiltration.
Allow the system to remain undisturbed while the PDB sampler(s) equilibrate (minimum 14 days recommended; 6 months or more allowable if needed).

Sample Recovery

Remove the PDB sampler from the well using the attached line. Avoid exposing the sampler to excessive agitation as it is removed from the well.
Examine the surface of the PDB sampler for tears, algae, iron, or other coatings. If there are tears in the membrane, the sample should be discarded. If the outside of the sampler is coated with any material, it should be noted.
Detach the sampler from the weighted line and remove any excess fluids or materials from the exterior of the bag. This can be accomplished with paper towels.
There are several acceptable methods for transferring water from the PDB sampler to the 40ml volatile organic analysis (VOA) vials:
    - If a discharge device is provided by the PDB sampler supplier, it can be inserted either in place of the fill plug or directly into the bag.
    - If no discharge device is provided, the PDB sampler can be cut at one end using scissors or a sharp probe. The water should then be poured gently from the PDB sampler to the 40 ml VOA vials.
Samples should be preserved according to the analytical method and stored at approximately 4 °C in accordance with standard sampling protocol.
Any unused water from the PDB samplers should be disposed in accordance with local, state, and federal regulations.

PDB Sampler Suppliers

Columbia Analytical Services
Lambertville, NJ
Phone: (609) 397-5326
Fax: (609) 397-5327

EON Product, Inc.
P.O. Box 390246
Snellville, GA 30039
Toll-Free: (800) 474-2490
Fax: (770) 978-8661

REFERENCES

Vroblesky, D.A., 2001, User's Guide for Polyethylene-Based Passive Diffusion Bag Samplers to Obtain Volatile Organic Compound Concentrations in Wells: U.S. Geological Survey Water-Resources Investigation Report 01-4060, p. 1-11.

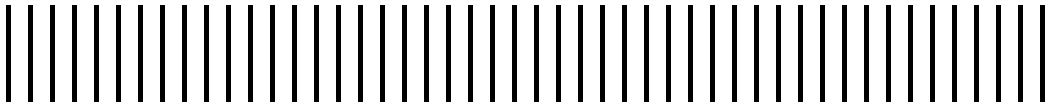
Naval Facilities Engineering Command, Washington D.C. 20374-5065, 2000, Diffusion Membrane Samplers, A Low-Cost Alternative Groundwater Monitoring Tool for VOCs: NFESC TDS-2085-ENV, p. 1-2.

http://www.clu-in.org/products/newsltrs/gwc/gwc1297.htm

New York State Department of Environmental Conservation
Gladding Cordage Site - Quarterly Report and Annual Groundwater Monitoring Summary

Appendix D

Well Inspection Logs



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MALCOLM PIRNIE

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-1

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [ ]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: OK		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [ ]	Bentonite [ ]	Not apparent [X] Other ____
Integrity of Surface Seal/Apron	Describe: Covered by		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X] Describe:	____
Well ID. Visible?	Yes [X]	No [ ] Describe:	____
Lock Present and Functional?	Yes [X]	No [ ] Describe:	New Lock
Photograph Taken? Photo #	Yes [ ]	No [X] Describe:	____

Inner Appearance

Integrity of Well Casing	Describe: OK		
Integrity of Cap Seal	Describe: OK		
Surface Water in Casing?	Yes [ ]	No [X] Describe:	____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [X]	Slip [ ]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X] Describe:	____

Downhole

Odor	Yes [ ]	No [X] Describe:	____
PID Reading	0.3 ppm		
Depth to Water (to top of casing)	7.59 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	NM feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: —		

Additional Comments:

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-2S

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	_____ inches	N/A [X]	
Approximate Stickup Height	3.0 feet	N/A [ ]	
Integrity of Protective Casing	Describe: OK		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [ ]	Bentonite [ ]	Not apparent [X] Other _____
Integrity of Surface Seal/Apron	Describe: _____		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: OK		
Integrity of Cap Seal	Describe: OK		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [X]	Slip [ ]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	8.73 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	NM feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: —		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-2I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	_____ inches	N/A [X]	
Approximate Stickup Height	2 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [ ]	Bentonite [ ]	Not apparent [X] Other _____
Integrity of Surface Seal/Apron	Describe: _____		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [X]	No [ ]	Describe: some visible between well/casing
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	0.1 ppm		
Depth to Water (to top of casing)	8.55 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	40 feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-2D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	3.0 feet	N/A [ ]	
Integrity of Protective Casing	Describe: OK		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: partially covered - Looks OK		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: OK		
Integrity of Cap Seal	Describe: OK		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	8.63 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	NM feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: —		

Additional Comments:

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-35

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	3.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: ok		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [X]	Slip [ ]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.6 ppm		
Depth to Water (to top of casing)	10.15 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	0.0 feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-3I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	3.0 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: ok		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [X]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	1.56 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	Nm feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: —		

Additional Comments:

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-3D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	_____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: ok		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	4.4 ppm		
Depth to Water (to top of casing)	9.82 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-4I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	8 inches	N/A [ ]	
Approximate Stickup Height	____ feet	N/A [X]	
Integrity of Protective Casing	Describe: Good		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	____ inches		
Weep Hole in Protective Casing	Yes [X]	No [ ]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: Good		
Surface Drainage	Away from Wellhead [ ]	Toward Wellhead [ ]	FLAT
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [ ]	No [X]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: Good		
Integrity of Cap Seal	Describe: Good		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [X] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.3 ppm		
Depth to Water (to top of casing)	7.39 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	NM feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-5S

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	_____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: Good		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [ ]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [X] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [ ]	Describe: _____

Downhole

Odor	Yes [ ]	No [ ]	Describe: _____
PID Reading	0.3 ppm		
Depth to Water (to top of casing)	8.57 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-5I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: Good		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [X] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [ ]	Describe: ____
PID Reading	0.2 ppm		
Depth to Water (to top of casing)	8.87 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-5D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	_____ inches	N/A [X]	
Approximate Stickup Height	3 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: ok		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [ ]	Describe: _____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	9.78 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-6S

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	_____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: OK		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: OK		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: OK		
Integrity of Cap Seal	Describe: OK		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [X]	Stainless Steel [ ]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	9.51 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: Tw-6I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: OK		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [ ]	Bentonite [ ]	Not apparent [X] Other ____
Integrity of Surface Seal/Apron	Describe: —		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: OK		
Integrity of Cap Seal	Describe: None		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [ ] None [X]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [ ]	Describe: ____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	10.26 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-6P

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: ok		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: OK		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	10.05 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-7S

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	_____ inches	N/A [X]	
Approximate Stickup Height	3 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [ ]	Stainless Steel [X]	Other _____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: Fair		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	0.1 ppm		
Depth to Water (to top of casing)	9.31 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-7I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	3 feet	N/A [ ]	
Integrity of Protective Casing	Describe: OK		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: Fair		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: OK		
Integrity of Cap Seal	Describe: OK		
Surface Water in Casing?	Yes [X]	No [ ]	Describe: Between casing/well @ Groundsurface.
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.3 ppm		
Depth to Water (to top of casing)	9.84 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-7D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	2.0 feet	N/A [ ]	
Integrity of Protective Casing	Describe: Ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: Fair		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: Ok		
Integrity of Cap Seal	Describe: Ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.4 ppm		
Depth to Water (to top of casing)	9.66 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-9I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	1.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: ok		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [ ]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: ok		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	10.56 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	NM feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: —		

Additional Comments:

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-9D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [ ]	
Approximate Stickup Height	1.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: OK		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: OK		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X] Describe:	____
Well ID. Visible?	Yes [X]	No [ ] Describe:	____
Lock Present and Functional?	Yes [X]	No [ ] Describe:	____
Photograph Taken? Photo #	Yes [ ]	No [ ] Describe:	____

Inner Appearance

Integrity of Well Casing	Describe: OK		
Integrity of Cap Seal	Describe: OK		
Surface Water in Casing?	Yes [ ]	No [X] Describe:	____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X] Describe:	____

Downhole

Odor	Yes [ ]	No [ ] Describe:	____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	10.86 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	NM feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: —		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: MW-10D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	3 feet	N/A [ ]	
Integrity of Protective Casing	Describe: ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: Retinanth		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: ok		
Integrity of Cap Seal	Describe: None		
Surface Water in Casing?	Yes [X]	No [ ]	Describe: @ ground surface
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [ ] None [X]
Reference/Measuring Point	Groove [ ]	Indelible Mark [ ]	None [X] Marked w/ marker
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	10.91 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-12I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: Ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [ ]	Bentonite [ ]	Not apparent [X] Other ____
Integrity of Surface Seal/Apron	Describe: -		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X] Describe:	____
Well ID. Visible?	Yes [X]	No [ ] Describe:	____
Lock Present and Functional?	Yes [X]	No [ ] Describe:	____
Photograph Taken? Photo #	Yes [ ]	No [X] Describe:	____

Inner Appearance

Integrity of Well Casing	Describe: Ok		
Integrity of Cap Seal	Describe: Ok		
Surface Water in Casing?	Yes [ ]	No [X] Describe:	____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [X]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X] Describe:	____

Downhole

Odor	Yes [ ]	No [X] Describe:	____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	6.32 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-12D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	____ inches	N/A [X]	
Approximate Stickup Height	2.5 feet	N/A [ ]	
Integrity of Protective Casing	Describe: Good		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other ____
Protective Casing Width or Dia.	4 inches		
Weep Hole in Protective Casing	Yes [ ]	No [X]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other ____
Integrity of Surface Seal/Apron	Describe: ok		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X]	Describe: ____
Well ID. Visible?	Yes [X]	No [ ]	Describe: ____
Lock Present and Functional?	Yes [X]	No [ ]	Describe: ____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: ____

Inner Appearance

Integrity of Well Casing	Describe: Good		
Integrity of Cap Seal	Describe: Good		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: ____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [X]	Slip [ ]	Expansion Plug [ ] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: ____

Downhole

Odor	Yes [ ]	No [X]	Describe: ____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	6.36 feet (nearest 0.01)	Depth to LNAPL	____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: ____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-14S

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	8 inches	N/A [ ]	
Approximate Stickup Height	_____ feet	N/A [X]	
Integrity of Protective Casing	Describe: Gd		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	_____ inches		
Weep Hole in Protective Casing	Yes [X]	No [ ]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: Good		
Surface Drainage	Away from Wellhead [ ]	Toward Wellhead [ ]	Flat
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [ ]	No [X]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: Good		
Integrity of Cap Seal	Describe: Good		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [X] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	0.1 ppm		
Depth to Water (to top of casing)	7.17 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-14I

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	8 inches	N/A [ ]	
Approximate Stickup Height	_____ feet	N/A [X]	
Integrity of Protective Casing	Describe: Good		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	_____ inches		
Weep Hole in Protective Casing	Yes [X]	No [ ]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: Good		
Surface Drainage	Away from Wellhead [ ]	Toward Wellhead [ ]	Flat
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [ ]	No [X]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: Good		
Integrity of Cap Seal	Describe: Good		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [X] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	0.4 ppm		
Depth to Water (to top of casing)	7.67 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

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MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-14D

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	8 inches	N/A [ ]	
Approximate Stickup Height	_____ feet	N/A [X]	
Integrity of Protective Casing	Describe: Ok		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	_____ inches		
Weep Hole in Protective Casing	Yes [X]	No [ ]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: Good		
Surface Drainage	Away from Wellhead [ ]	Toward Wellhead [ ]	Flat
Bollards Present?	Yes [ ]	No [X]	Describe: _____
Well ID. Visible?	Yes [X]	No [ ]	Describe: _____
Lock Present and Functional?	Yes [X]	No [X]	Describe: _____
Photograph Taken? Photo #	Yes [ ]	No [X]	Describe: _____

Inner Appearance

Integrity of Well Casing	Describe: Good		
Integrity of Cap Seal	Describe: Good		
Surface Water in Casing?	Yes [ ]	No [X]	Describe: _____
Well Casing Diameter	_____ inches		
Well Casing Material	PVC [ ]	Steel [ ]	Stainless Steel [X]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [X] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X]	Describe: _____

Downhole

Odor	Yes [ ]	No [X]	Describe: _____
PID Reading	0.1 ppm		
Depth to Water (to top of casing)	7.26 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

_____

_____

_____

_____

_____

_____

MALCOLM PIRNIE

GROUNDWATER MONITORING WELL INSPECTION

SITE/PROJECT NAME: Gladding Cordage PROJECT NUMBER: 0266365

DATE OF INSPECTION: 6/11/2009 INSPECTOR: JRW (MPI) and JN (Aztech)

WELL DESIGNATION: TW-15

WELL LOCATION: _____

Outward Appearance

Flushmount Diameter	8 inches	N/A [ ]	
Approximate Stickup Height	_____ feet	N/A [X]	
Integrity of Protective Casing	Describe: Tilted But OK. Top Cap Hits Top Casing w/cap on.		
Protective Casing Material	Steel [X]	Stainless Steel [ ]	Other _____
Protective Casing Width or Dia.	_____ inches		
Weep Hole in Protective Casing	Yes [X]	No [ ]	
Surface Seal/Apron Material	Cement [X]	Bentonite [ ]	Not apparent [ ] Other _____
Integrity of Surface Seal/Apron	Describe: Good - tilted		
Surface Drainage	Away from Wellhead [X]	Toward Wellhead [ ]	
Bollards Present?	Yes [ ]	No [X] Describe:	_____
Well ID. Visible?	Yes [X]	No [ ] Describe:	_____
Lock Present and Functional?	Yes [ ]	No [X] Describe:	_____
Photograph Taken? Photo #	Yes [ ]	No [X] Describe:	_____

Inner Appearance

Integrity of Well Casing	Describe: Good		
Integrity of Cap Seal	Describe: Good		
Surface Water in Casing?	Yes [ ]	No [X] Describe:	_____
Well Casing Diameter	2 inches		
Well Casing Material	PVC [X]	Steel [ ]	Stainless Steel [ ]
Inner Cap	Threaded [ ]	Slip [ ]	Expansion Plug [X] None [ ]
Reference/Measuring Point	Groove [ ]	Indelible Mark [X]	None [ ]
Evidence of Double Casing?	Yes [ ]	No [X] Describe:	_____

Downhole

Odor	Yes [ ]	No [X] Describe:	_____
PID Reading	0.0 ppm		
Depth to Water (to top of casing)	10.06 feet (nearest 0.01)	Depth to LNAPL	_____ feet (nearest 0.01) N/A [ ]
Total Well Depth (to top of casing)	_____ feet (nearest 0.1)		
Sediment (Hard/Soft Bottom)	Describe: _____		

Additional Comments:

_____

_____

_____

_____

_____

_____

New York State Department of Environmental Conservation
Gladding Cordage Site - Quarterly Report and Annual Groundwater Monitoring Summary

Appendix E

Groundwater Level Data Form

MALCOLM PIRNIE

GROUNDWATER LEVEL DATA FORM

PROJECT NAME: Gladding Cortage 6/11/2009
PROJECT NUMBER: 0266365 JW (MPI), JN (Aztech)

WELL ID		Date	Time	Headspace VOCs (ppm)	Depth to Water (feet)	Reference Point
TW-1	*	6/11/2009	AM	0.3	7.59	TOC
TW-2S	*	6/11/2009	AM	0	8.73	TOC
TW-2I	*	6/11/2009	AM	0.1	8.55	TOC
TW-2D	*	6/11/2009	AM	0	8.63	TOC
TW-3S	*	6/11/2009	AM	0	10.15	TOC
TW-3I	*	6/11/2009	AM	0	9.56	TOC
TW-3D	*	6/11/2009	AM	4.4	9.82	TOC
TW-5S	*	6/11/2009	AM	0.3	8.57	TOC
TW-5I	*	6/11/2009	AM	0.2	8.99	TOC
TW-5D	*	6/11/2009	AM	0	9.78	TOC
TW-7S	*	6/11/2009	AM	0.1	9.31	TOC
TW-7I	*	6/11/2009	AM	0.3	9.84	TOC
TW-7D	*	6/11/2009	AM	0.4	9.66	TOC
TW-9D	*	6/11/2009	AM	0	10.86	TOC
TW-9I	*	6/11/2009	AM	0	10.56	TOC
TW-6S	*	6/11/2009	AM	0	9.51	TOC
TW-6I	*	6/11/2009	AM	0	10.26	TOC
TW-6D	*	6/11/2009	AM	0	10.05	TOC
TW-10D	*	6/11/2009	AM	0	10.41	TOC
TW-12I	*	6/11/2009	AM	0	6.32	TOC
TW-12D	*	6/11/2009	AM	0	6.36	TOC
TW-4I	*	6/11/2009	AM	0.3	7.39	TOC
TW-14S	*	6/11/2009	AM	0.1	7.17	TOC
TW-14I	*	6/11/2009	AM	0.4	7.67	TOC
TW-14D	*	6/11/2009	AM	0.1	7.26	TOC
TW-15	*	6/11/2009	AM	0	10.06	TOC

Notes: * Sample bag in well